



Climate



Food



Bioenergy



Material



Buildings



Paper

Price list 2026

Moisture meters
Services
Accessories
Scales

78,0 °F | 6,16% | 456 kg/m³ | -27,3 °C | 0,64 aw | 51,9% r.H. | 14,8% abs | 100,4 g/m² | 09 m/s | 4,90 Ugl | 163 µm | 23,2 °C | 78,8 °F | 6,21% | 424 kg/m³

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www.humimeter.com

Any technical changes reserved. Pictures do not show changes between different models. With the appearance of a new price list this price list loses its validity automatically. All products can be found on our website.

Product categories



Climate/
Environment



huminode



Food



Bioenergy



Material



huminode



Buildings



Paper/Board



Services



Accessories



Scales

Climate

Food

Bioenergy

Material

Buildings

Paper / Board

Services

Accessories

Scales

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Services

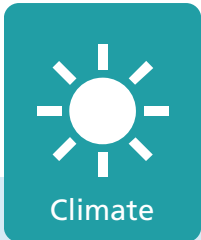
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Price list 2026

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humimeter RH1

Relative humidity meter with data logger

Article no. 11487

Price
€320.-

Applications:

Precision climate meter and thermohygrometer with data logger for temperature and humidity, for laboratory, climate and environmental applications. The RH1 thermo-hygrometer is an easy-to-use device for the rapid determination of the relative and absolute air humidity as well as the dew point temperature of the surrounding air. In addition, by storing the device at wood or paper, the equilibrium moisture content (EMC) and the water content in the material can be determined.

Technical data

Relative air humidity	0 to 100 %, resolution 0.1 % RH
Calibration	10 to 90 % +/- 1.5 % RH (at 25 °C)
Temperature	-10 to +60 °C, 14 to 140 °F, resolution 0.1 °C
Calibration	+/- 0.3 °C (at 25 °C)
Dewpoint	-55 to +60 °C, -67 to 140 °F, resolution 0.1 °C
Absolute air humidity	0 to 130 g/m ³ , resolution 0.1 g/m ³
Equilibrium moisture content wood EMC	2 to 30 %, resolution 0.1 %
Calibration	5 to 15 %, accuracy +/- 0.5 % (at 25 °C)
Memory function	Hold function, automatic and manual datalog for 10,000 logs with measuring point report
Device IP rating	IP 40
Dimensions device	249 x 75 x 30 mm
Dimensions sensor pipe	Ø12 x 102 mm
Weight	270 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter RH1 with rubber protection cover and batteries

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14957	humimeter USB data interface module BATTERY VERSION with LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€395.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
10006	Calibration equipment for tube sensor	€160.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
11235	Certified calibration ampoules - set of 5 units with 80 % RH	€110.-
11911	Wooden case for humimeter RH1	€50.-

humimeter RH2

Precision climate moisture analyser

Required accessories: separate sensor

Article no. 12005

Price basic device
without sensor
€350.-

Climate

Applications:

Precise climate moisture analyser and thermo-hygrometer with data logger, applicable for measuring air humidity and temperature, synthetic granules and special material, for laboratory, climate and environment applications and aw-value measurements.

Technical data

Relative humidity	Measuring range see sensor, resolution 0.1 % RH
Temperature	Measuring range see sensor, resolution 0.1 °C
Dew point	-55 to +60 °C, -67 to 140 °F
Absolute air humidity	0 to 130 g/m ³ , resolution 0.1 g/m ³
Equilibrium moisture content wood	2 to 30 %, resolution 0.1 %
Equilibrium moisture content granules	Resolution 0.01 %
aw value	Resolution 0.001
Memory function	Online function, Hold function, automatic and manual datalog for 10,000 logs with measuring point report
Dimensions basic device	145 x 75 x 30 mm
Weight basic device	210 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter RH2 with rubber protection cover and batteries

Please select the sensor from the following list.

Required external sensor

article no.	description	price
12032	Humidity and temperature sensor with 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 0 to 90 % RH +/- 2.0 % RH (at 25°C)	€260.-
12514	Air humidity and temperature sensor for humimeter GF2 and RH2 - relative air humidity 0 to 100 % RH, calibration 0 to 90 % RH +/- 2.0 % RH (at 25°C)	€180.-
12004	LF_TB 120 Precision humidity and temperature plug-in sensor for material moisture - sensor head 0.3 m stainless tube with steel sinter cap and 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C)	€550.-
14640	LF_TB 120 with individual tube length - precision humidity and temperature plug-in sensor for material moisture with sensor head made of stainless tube with steel sinter cap and connection cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C) - tube length is selectable by the customer, possible length: 200 to 2000 mm	€760.-
12513	Contactless infrared temperature sensor for humimeter	€95.-
13700	Water activity measuring chamber incl. moisture and temperature sensor with 2 meter connection cable - with accessories: 2 pcs. screw-in glass 186 ml, 2 pcs. screw-in glass 245 ml, 4 pcs. twist-off lids, calibration ampoule set art. no. 10005, factory calibration certificate art. no. 10403, case art. no. 13624	€1,170.-
14500	Aluminium water activity measuring cell 25 ml with attachable humidity-temperature sensor with 2 meter connection cable - with accessories: 8 pcs. plastic inserts PP 25 ml for the measuring cell, calibration ampoule set art. no. 10005, factory calibration certificate art. no. 10403, case art. no. 13624	€1,190.-

You will find further accessories on the next page.

Spare-parts external sensors

article no.	description	price
14919	Water activity measuring chamber incl. moisture and temperature sensor with 2 meter connection cable - without accessories, connection to RH2, measuring range 0 to 1 aw, resolution 0.001, calibration 0.10 to 0.80 +/- 0.01 aw, calibration 0.00 to 0.10 and 0.80 to 0.98 +/- 0.04 aw (at 25 °C), temperature range 0 to + 50 °C, calibration +/- 0.5 °C (at 25 °C), fan-controlled air circulation enables very fast adjustment behaviour, incl. factory calibration certificate art. no. 10403	€1,070.-
14920	Aluminium water activity measuring cell 25 ml with attachable humidity-temperature sensor with 2 meter connection cable - without accessories, connection to RH2, measuring range 0 to 1 aw, resolution 0.001, calibration 0.10 to 0.80 +/- 0.01 aw, calibration 0.00 to 0.10 and 0.80 to 0.98 +/- 0.04 aw (at 25 °C), temperature range 0 to + 50 °C, calibration +/- 0.5 °C (at 25 °C), dimensions: 86 mm x Ø 88 mm, the low dead volume results in a very fast adjustment behavior, incl. factory calibration certificate art. no. 10403	€1,090.-
14880	Replacement sensor aw-value measuring chamber pluggable with factory calibration certificate. Can be used for aw-value measuring chamber from SN 20000 to 30000. Defective sensor can be replaced directly by the spare sensor.	€380.-
14937	Replacement sensor aw-value measuring cell pluggable with factory calibration certificate. Can be used for all aw-value measuring cells. Defective sensor can be replaced directly by the spare sensor.	€380.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14957	humimeter USB data interface module BATTERY VERSION with LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€395.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
14952	Spare can set for aw-value measuring cell - 10 plastic inserts with cap	€13.-
13740	Screw top jar replacement set for water activity measuring chamber art. no. 13700: 14 units for a filling quantity of max. 245 ml	€40.-
13741	Screw top jar replacement set for water activity measuring chamber art. no. 13700: 14 units for a filling quantity of max. 186 ml	€40.-
14126	Plastic cans (PET) with screw top for aw-value measuring chamber art. no. 13700: 14 units for a filling quantity of max. 200 ml	€55.-
10613	Paper web adapter for humimeter RH2 and LF series	€550.-
13624	Case for humimeter RH2 and RHL	€70.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
10006	Calibration equipment for tube sensor	€160.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
11233	Certified calibration ampoules - set of 5 units with 35 % RH	€110.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
11235	Certified calibration ampoules - set of 5 units with 80 % RH	€110.-
13224	Extension cable of 4 meters length for humimeter RH2 and GF sensors	€110.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
13799	Sensor cap bronze sintered nickel-plated	€24.-

LF-TD-TA

Moisture and temperature transmitter with analog output

Article no. 14771

Price
€380.-

Climate

Applications:

Moisture transmitter for temperatures of up to 60 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Stainless steel sensor tube	Ø12 x 125 mm
Relative air humidity	0 to 100 %
Calibration	+/- 3 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +60 °C
Calibration	+/- 0.6 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +60 °C)
Power supply	12 to 24 VDC
Temperature electronics	-20 to +60 °C
Dimensions electronics housing	70 x 32 x 120 mm

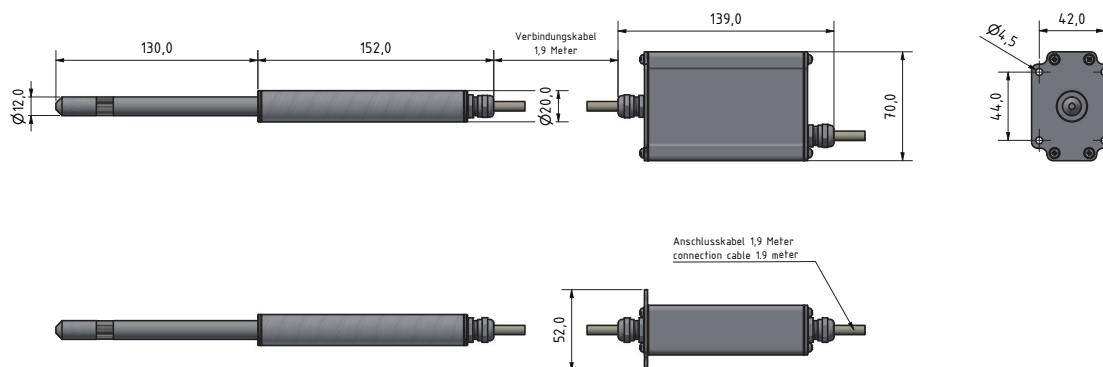


Scope of delivery

LF-TD-TA with connection cable of 1.9 m length

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
13799	Sensor cap bronze sintered nickel-plated	€24.-



LF-TD 60

Digital humidity and temperature transmitter

Article no. 12609

 Price
€460.-

Applications:

Moisture transmitter for temperatures of up to 60 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Plastic sensor tube	Ø12 x 100 mm
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +60 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +60 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C
Optional interfaces	RS232, USB, Ethernet
Dimensions electronics housing	70 x 32 x 120 mm

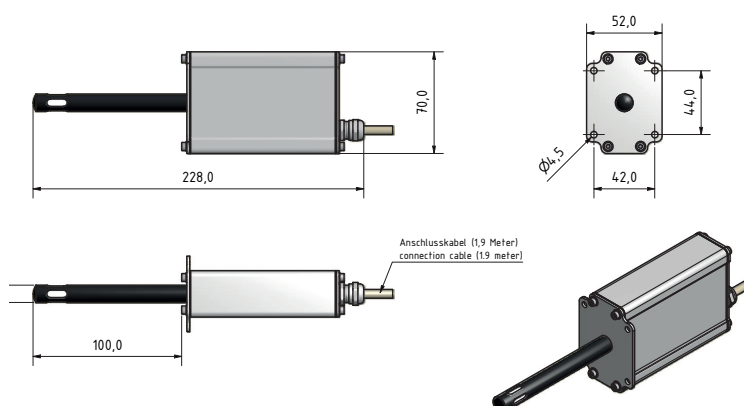


Scope of delivery

LF-TD 60 with connection cable of 1.9 m length

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
13612	Angle bracket for LF-TD	€30.-
12807	RS232 interface for LF-TD	€180.-
12808	USB interface for LF-TD	€150.-
13738	Ethernet interface for LF-TD	€350.-
13731	Display with keyboard for LF-TD	€180.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-



LF-TD 90

Digital humidity and temperature transmitter

Article no. 12665

Applications:

Moisture transmitter for temperatures of up to 90 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Stainless steel sensor tube	Ø 12 x 125 mm
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +90 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +90 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C
Optional interfaces	RS232, USB, Ethernet
Dimensions electronics housing	70 x 32 x 120 mm

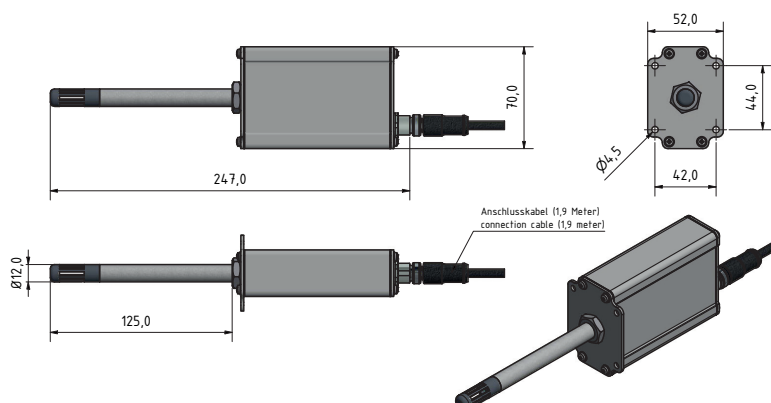
Scope of delivery

LF-TD 90 with connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
13799	Sensor cap bronze sintered nickel-plated	€24.-
13731	Display with keyboard for LF-TD	€180.-
12807	RS232 interface for LF-TD	€180.-
12808	USB interface for LF-TD	€150.-
13738	Ethernet interface for LF-TD	€350.-
13612	Angle bracket for LF-TD	€30.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-

Price
€580.-



LF-TD 120

Digital humidity and temperature transmitter

Article no. 12655

 Price
€860.-

Applications:

Moisture transmitter for temperatures of up to 120 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Stainless steel sensor tube	Ø12 x 500 mm
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +120 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +120 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C
Optional interfaces	RS232, USB, Ethernet
Dimensions electronics housing	70 x 32 x 120 mm

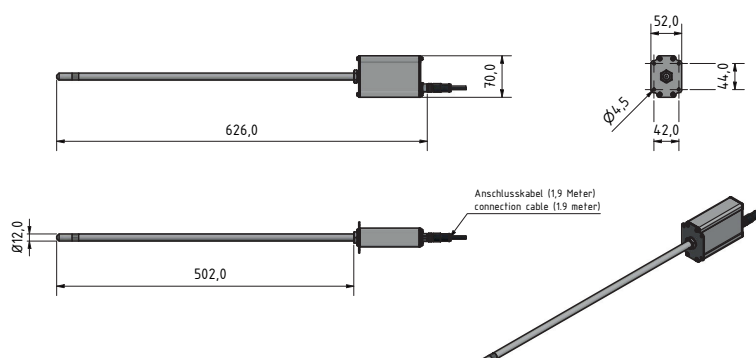


Scope of delivery

LF-TD 120 with connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
13799	Sensor cap bronze sintered nickel-plated	€24.-
13731	Display with keyboard for LF-TD	€180.-
12807	RS232 interface for LF-TD	€180.-
12808	USB interface for LF-TD	€150.-
13738	Ethernet interface for LF-TD	€350.-
13612	Angle bracket for LF-TD	€30.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-



LF-TD 150

Digital humidity and temperature transmitter

Article no. 12667

Price
€930.-

Climate

Applications:

Moisture transmitter for temperatures of up to 150 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Stainless steel sensor tube	Ø12 x 750 mm
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +150 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +150 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C
Optional interfaces	RS232, USB, Ethernet
Dimensions electronics housing	70 x 32 x 120 mm

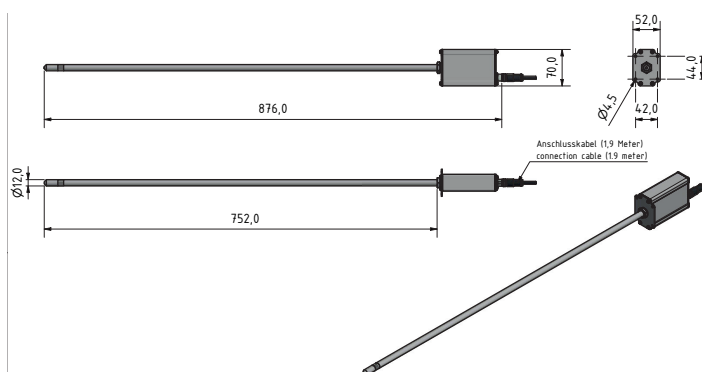
Scope of delivery

LF-TD 150 with connection cable of 1.9 m length with 5-pole moulded sensor connector



Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
13799	Sensor cap bronze sintered nickel-plated	€24.-
13731	Display with keyboard for LF-TD	€180.-
12807	RS232 interface for LF-TD	€180.-
12808	USB interface for LF-TD	€150.-
13738	Ethernet interface for LF-TD	€350.-
13612	Angle bracket for LF-TD	€30.-
13731	Display with keyboard for LF-TD	€180.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-



LF-TD 180

Digital humidity and temperature transmitter

Article no. 12938

 Price
€1,395.-

Applications:

Moisture transmitter for temperatures of up to 180 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry.

Technical data

Stainless steel sensor tube	With 1 m cable to electronics housing, stainless steel sinter sensor cap
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range sensor head	-40 to +180 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-40 to +180 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C
Optional interfaces	RS232, USB, Profinet, Ethernet
Dimensions sensor cap	Ø12 x 35 mm
Dimensions electronics housing	70 x 32 x 120 mm

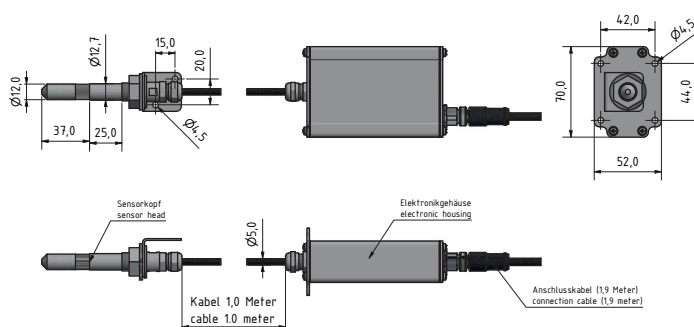


Scope of delivery

LF-TD 180 incl. connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
13731	Display with keyboard for LF-TD	€180.-
12807	RS232 interface for LF-TD	€180.-
12808	USB interface for LF-TD	€150.-
13738	Ethernet interface for LF-TD	€350.-
12809	Profinet interface für LF-TD 180	€640.-
13612	Angle bracket for LF-TD	€30.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-



LF-TD-E Ethernet

Digital humidity and temperature transmitter with Ethernet interface

Article no. 13082

Applications:

Moisture transmitter for temperatures of up to 60 °C for laboratory, climate control and drying technology, wood processing industry, food and animal feed industry, building industry, printing and paper industry, agriculture, biotechnology and pharmaceutical industry with Ethernet interface (RJ45 socket). Easy to integrate into existing networks.

Technical data

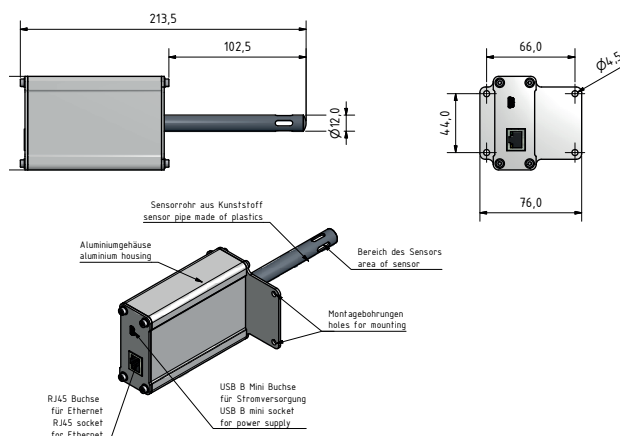
Plastic sensor tube	Ø12 x 100 mm with filter
Relative air humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Temperature range	-20 to +60 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output of moisture and temperature	Ethernet (RJ45 connector)
Power supply	5 VDC 300 mA via USB mini B connector
Dimensions	214 x 76 x 70 mm
Degree of protection electronics housing	IP40

Scope of delivery

LF-TD-E, without cable and power supply unit

Accessories & possible add-ons

article no.	description	price
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
13612	Angle bracket for LF-TD	€30.-
14711	HumiSenseWare LF-TD Standard-Licence Live Trend	€630.-
14712	HumiSenseWare LF-TD Option Data Management and Recording	€730.-
14713	HumiSenseWare package - integration of 3 additional sensors	€390.-



LF-TD Profinet

Digital humidity and temperature transmitter with Profinet interface

Price
€1,740.-

Article no. 14555

Applications:

Measuring transducer for detecting and transmitting relative humidity and temperature in fixed installations. The sensor technology used makes it possible to detect even small fluctuations in humidity and their tendencies quickly and reliably and to take preventive action. The remote sensor head allows flexible mounting options even in difficult-to-access installation locations.

Technical data

Stainless steel sensor tube	Ø12 x 125 mm
Sensor head	Connected to electronics by 0.25 m cable
Relative humidity	0 to 100 %
Calibration	+/- 2 % (10 to 90 %)
Output moisture	4 to 20 mA (0 to 100 %)
Temperature range	-20 to +90 °C
Calibration	+/- 0.3 °C (+10 to +60 °C)
Output temperature	4 to 20 mA (-20 to +90 °C)
Power supply	12 to 29 VDC
Temperature electronics	-20 to +85 °C

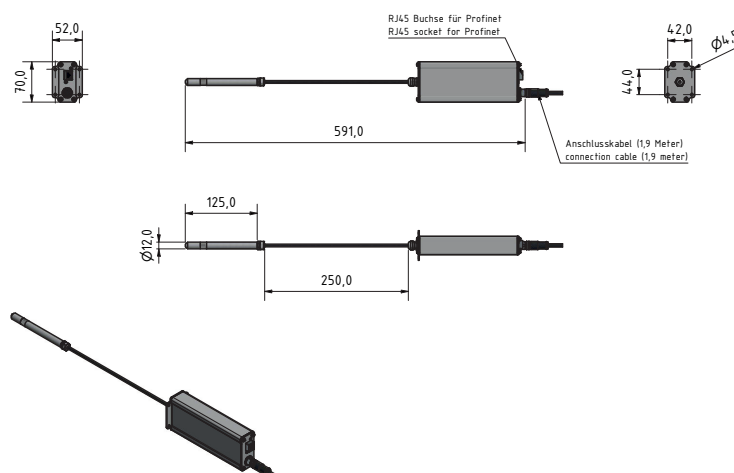


Scope of delivery

LF-TD Profinet with connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
13731	Display with keyboard for LF-TD	€180.-
13612	Angle bracket for LF-TD	€30.-
10006	Calibration equipment for tube sensor	€160.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
12456	Drip-protection for LF-TD transmitter	€13.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-



LF-TD-H Wood moisture transmitter

Online moisture transmitter for determining the water content of wood chips, shavings, pellets and other materials

Price
€875.-

Article no. 14601

Applications:

Online sensor optimized for wood gasification systems with 4-20 mA analog output for water content and temperature. For installation in closed systems like e.g. screw conveyors or storage containers.

Technical data

Measuring range wood chips	2 to 20 % water content
Measuring range temperature	0 to +40 °C
Resolution	0.1 % water content, 0.1 °C
Power supply	24 VDC (15 to 29 VDC)
Current output	4 to 20 mA for water content and temperature
Dimensions electronics housing	70 x 32 x 120 mm

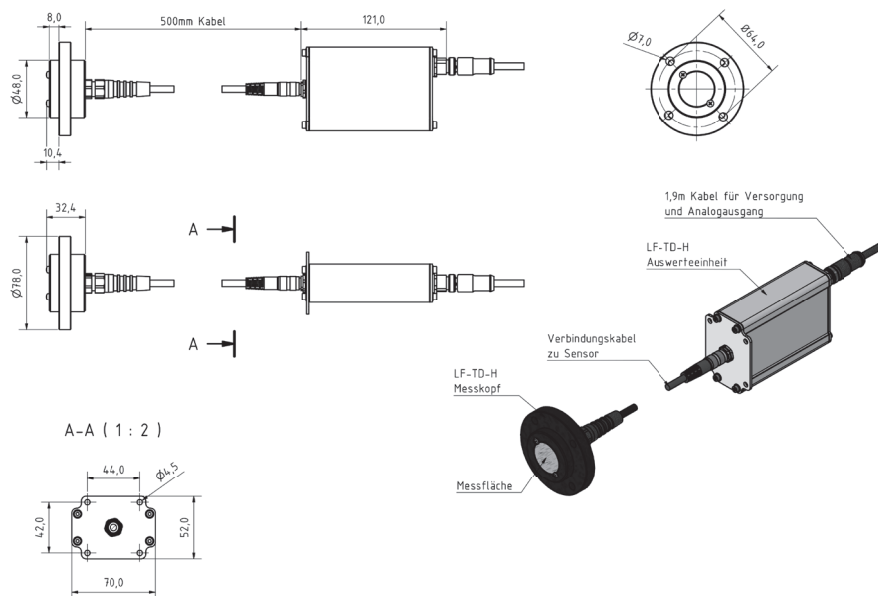


Scope of delivery

LF-TD-H with connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-
12011	Special request - flat rate for air humidity transmitter series per order - irrespective of the ordered quantity	€230.-
13731	Display with keyboard for LF-TD	€180.-



huminode IoT RH

IoT moisture monitoring system for precise climate control of temperature and humidity



Price basic device
without sensor
€140.-

Article no. 14900

Applications:

Long-term recording of environmental data and real-time transmission of measured values for monitoring the climate in buildings and structures, production and storage facilities, on construction sites, on construction parts and much more.

Technical data

Relative humidity	Measuring range according to sensor, resolution 0.1 % rh
Temperature	Measuring range according to sensor, resolution 0.1 °C
Absolute humidity	0 to 130 g/m ³ , resolution 0.1 g/m ³
Communication	LoRaWAN
Dimensions basic device	150 x 65 x 45 mm
Weight basic device	260 g
Power supply	Integrated lithium thionyl chloride battery



Scope of delivery

huminode IoT RH, case

Please note the minimum order quantity of 5 pieces. Please select the required matching sensors from the following list.

Required external sensor

article no.	description	price
12032	Humidity and temperature sensor with 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 0 to 90 % RH +/- 2.0 % RH (at 25°C)	€260.-
12514	Air humidity and temperature sensor for humimeter GF2 and RH2 - relative air humidity 0 to 100 % RH, calibration 0 to 90 % RH +/- 2.0 % RH (at 25°C)	€180.-
12004	LF_TB 120 Precision humidity and temperature plug-in sensor for material moisture - sensor head 0.3 m stainless tube with steel sinter cap and 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C)	€550.-
14640	LF_TB 120 with individual tube length - precision humidity and temperature plug-in sensor for material moisture with sensor head made of stainless tube with steel sinter cap and connection cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C) - tube length is selectable by the customer, possible length: 200 to 2000 mm	€760.-

Accessories & possible add-ons

article no.	description	price
15182	huminode Dashboard annual license for one sensor	€39.-
15181	huminode IoT Gateway Outdoor Version with antenna (LTE capable), incl. PoE module with mains connection cable, DC connection cable, mounting hooks and mounting set, sealing material	€640.-
15364	huminode IoT Gateway Mobile Version, for WLAN integration, power supply via USB-C or 230 VAC mains plug	€120.-
15365	huminode IoT Gateway Indoor Version (LTE capable), incl. power supply unit and antenna, for TF card, NanoSIM, WLAN or Ethernet (PoE)	€310.-
15184	huminode replacement lithium thionyl chloride battery 3.6 V / 9000 mAh	€29.-

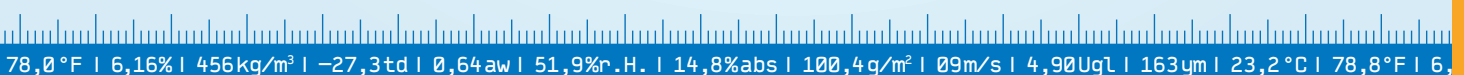


Price list 2026

Food

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FSA grain moisture meter

Fully automatic whole grain moisture analyser with integrated determination of hectoliter weight and infrared sample temperature measurement

Price Art. 13000
 ★ €4,450.-

Price Art. 13500
 ★ €5,150.-

Article no. 13000

Article no. 13500 (calibration approval for Austria)

Applications:

The FSA whole grain moisture meter fulfils highest accuracy requirements in terms of the measurement of water content, hectoliter weight and temperature of grain, beans, rice and many other products. The measuring device enables the analysis of grain samples in just a few seconds.

Calibration curves

Maize*, rye*, triticale*, wheat*, durum wheat*, peeled buckwheat, peeled and unpeeled spelt, peeled and unpeeled millet, sorghum millet, spring and winter barley*, oats, rape, soybeans, horse beans, sunflower seeds, pumpkin seeds, peeled and unpeeled rice, linseed, field peas and scarlet runner beans. More products on request. (*verifiable products)

Technical data

Measuring range	3 to 50 % water content (dependent on product type)
Resolution	0.01 % water content
Calibration accuracy to reference material	+/- 0.3 %
Hectoliter measurement	In kg/hl
IR temperature compensation	Automatic
Measuring result	Within seconds without sample preparation
Memory function	Online function, datalog for 10,000 values with measuring point report
Calibration	Customer-specific calibration for special fruits, granulates, etc. possible
Data interfaces	Ethernet, USB, Rest-Interface
Dimensions	440 x 310 x 430 mm
Weight	15 kg
Offset function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Slovenian, Hungarian, Polish, Serbian, Ukrainian, Romanian, Czech, Slovakian



Scope of delivery

FSA, Ethernet and USB data interface, integrated printer, 5 pcs. thermal paper rolls for printer, measuring cup 0.5 l, power cable, FSA filling aid

Accessories & possible add-ons

article no.	description	price
11758	ISO test equipment monitoring for humimeter FSA, FSW, FSx, FS4, FS4.1, FS3, FS2 and BP1 – test equipment and calibration weight	€125.-
14401	FSA filling aid	€41.-
14082	Transport locking screw FSA	€36.-
14221	Light metal sampler spear with approx. 1450 mm length - usage in all storage locations for cereals and pellets like granaries, warehouses, trucks, railway wagons etc.	€360.-
14619	Barcode hand scanner for simplified supplier management	€265.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
12297	Entry of an existing characteristic curve in a FSA or humimeter device	€99.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-
13560	Re-verification of FSA grain moisture meter - only for Austria	€860.-
14811	Re-verification of a grain moisture meter if the 2-year recalibration obligation is exceeded	€990.-

humimeter FSW

Grain moisture meter with hectoliter weight measurement

Price
€1,290.-

Article no. 15000

Applications:

Whole grain meter with integrated hectoliter weight determination and sample temperature measurement for agriculture, trade, food industry and animal feed industry

Calibration curves

Maize, wheat, durum, rye, barley, oats, soybeans, rapeseed, peeled spelt, spelt in husk, sunflower seeds, pumpkin seeds, peeled and unpeeled rice, roasted coffee, horse beans, unpeeled buckwheat, lentils, field peas, triticale, sorghum millet and millet. Further products on request.

Technical data

Measuring range	5 to 40 % water content (depending on product type) 30 to 90 kg/hl (depending on product type)
Resolution	0.1 % water content, 0.1 kg/hl hectoliter weight
Calibration accuracy water content to reference material	+/- 0.4 %
Calibration accuracy hectoliter weight to hectoliter measuring spout	+/- 0.7 kg/hl
Compensation	Through integrated hectoliter determination and sample temperature measurement
Average sample quantity	Approx. 330g (depending on variety)
Measurement result	Within 3 seconds without sample preparation. Clean working due to filling funnel
Memory function	Hold function, manual datalog for 10,000 logs with measurement print report
Dimensions	250 x 80 x 180 mm
Filling funnel dimensions	160 x 100 x 25 mm
Weight	1.7 kg (incl. batteries)
Power supply	4 pcs. Alkaline AA batteries 1.5 V
Offset function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Polish, Russian, Czech, international



Food

Scope of delivery

humimeter FSW with humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC, filling funnel, measuring cup 0.5 l, batteries, case

Accessories & possible add-ons

article no.	description	price
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
11758	ISO test equipment monitoring for humimeter FSA, FSW, FSx, FS4, FS4.1, FS3, FS2 and BP1 – test equipment and calibration weight	€125.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
12297	Entry of an existing characteristic curve in a FSA or humimeter device	€99.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-
15180	Filling funnel for humimeter FSW, spare part	€85.-

humimeter FSx

Measuring device for rapid determination of water content in grain and special crops

Price
€895.-

Article no. 15500

Applications:

Whole grain meter with 300 g sample quantity and sample temperature measurement for agriculture, trade, seed breeding, research, laboratory, food and feed industry

Calibration curves

Maize, hand maize, rye, triticale, wheat, durum, peeled spelt, spelt in husk, emmer in husk, barley, oats, rape, pumpkin seeds, field peas, soybeans, scarlet runner beans, horse beans, sunflower seeds, Jatropha, peeled and unpeeled raw coffee, roast and ground coffee, peeled, unpeeled and brown rice, poppy seeds, sorghum millet, millet, alfalfa seeds, hemp seeds, camelina, legumes, beans vetch, lupine, lentils, caraway, milk thistle, mustard seeds, amaranth, peeled and unpeeled buckwheat. More products on request.



Technical data

Measuring range	0 to 50 % water content (depending on product type)
Resolution	0.1 % water content
Calibration accuracy to reference material	+/- 0.4 %
Compensation	Sample temperature measurement, bulk density compensated by use of a scale
Temperature compensation	Automatic
Measurement	Within seconds without sample preparation
Memory function	Online function, Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions	260 x 70 x 250 mm
Weight	1.3 kg (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Offset-function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International

Scope of delivery

humimeter FSx with humimeter USB data interface module with basic LogMemorizer measuring data recording & analysing software incl. USB cable for PC, digital scale, case, measuring cup 0.5 l, rubber protection cover and batteries

Accessories & possible add-ons

article no.	description	price
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
11758	ISO test equipment monitoring for humimeter FSA, FSW, FSx, FS4, FS4.1, FS3, FS2 and BP1 – test equipment and calibration weight	€125.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
12297	Entry of an existing characteristic curve in a FSA or humimeter device	€99.-
12311	Power supply for continuous operation of the scale	€30.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-

humimeter FS1

Grain moisture meter

Price
€420.-

Article no. 11752

Applications:

Whole grain meter with low sample volume and sample temperature measurement for field tests in farming.

Calibration curves

Maize, rye, triticale, wheat, barley, oats, rape, soybeans, horse beans, sunflower seeds, sorghum millet, mustard seeds, peeled buckwheat, peeled and unpeeled rice, peeled raw coffee, roast coffee

Technical data

Measuring range	5 to 30 % water content (depending on product type)
Resolution	0.1 %
Calibration accuracy to reference material	+/- 0.7 %
Compensation	Sample temperature measurement, bulk density compensated by use of a scale
Memory function	Hold function
Temperature compensation	Automatic
Measuring result	Within seconds without sample preparation
Dimensions	155 x 75 x 90 mm
Weight	360 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Offset-function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Hungarian, Russian, International

Scope of delivery

humimeter FS1 with batteries, digital scale, measuring cup 0.25 l and case



Food

humimeter FS1.1

Grain moisture meter

Price
€335.-

Article no. 12819

Applications:

Whole grain meter with low sample volume and sample temperature measurement for field tests in farming.

Calibration curves

Maize, rye, triticale, wheat, barley, oats, rape, soybeans, horse beans, sunflower seeds, sorghum millet, mustard seeds, peeled buckwheat, peeled and unpeeled rice, peeled raw coffee, roast coffee

Technical data

Measuring range	5 to 25 % water content (depending on product type)
Resolution	0.5 % water content
Calibration accuracy to reference material	+/- 0.9 %
Compensation	Sample temperature measurement, bulk density compensated by use of a scale
Temperature compensation	Automatic
Memory function	Hold function
Measuring result	Within seconds without sample preparation
Dimensions	155 x 75 x 90 mm
Weight	360 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Offset-function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Hungarian, Russian, International



Scope of delivery

humimeter FS1.1 with batteries, digital scale and measuring cup 0.25 l

humimeter RH2 water activity meter

Precision humidity analyser with data logger for laboratory, climate and environmental applications as well as aw-value measurements

Required accessories: aw-value measuring chamber set art. no. 13700 or aw-value measuring cell set art. no. 14500

Article no. 12005 aw

Applications:

Portable laboratory instrument for determination of water activity (aw value) of food with datalog function. Suitable for measuring materials like butter, fruit mix, spices, granulate, mushrooms, xylit, flour, biscuits or sausage as well as all other food types requiring a check of the water activity value.

Technical data

Relative humidity	Measuring range see sensor, resolution 0.1 % RH
Temperature	Measuring range see sensor, resolution 0.1 °C
Dew point	-55 to +60 °C, -67 to 140 °F
Absolute air humidity	0 to 130 g/m³, resolution 0.1 g/m³
Equilibrium moisture content wood	2 to 30 %, resolution 0.1 %
Equilibrium moisture content granules	Resolution 0.01 %
aw value	0,0 to 1,0, resolution 0.001
Memory function	Online function, Hold function, automatic and manual datalog for 10,000 logs with measuring point report
Dimensions basic device	145 x 75 x 30 mm
Weight basic device	210 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International

Scope of delivery

humimeter RH2 with rubber protection cover and batteries.
Please select the required sensor from the following list.

Required external sensor

article no.	description	price
13700	Water activity measuring chamber incl. moisture and temperature sensor with 2 meter connection cable - with accessories: 2 pcs. screw-in glass 186 ml, 2 pcs. screw-in glass 245 ml, 4 pcs. twist-off lids, calibration ampoule set art. no. 10005, factory calibration certificate art. no. 10403, case art. no. 13624	€1,170.-
14500	Aluminium water activity measuring cell 25 ml with attachable humidity-temperature sensor with 2 meter connection cable - with accessories: 8 pcs. plastic inserts PP 25 ml for the measuring cell, calibration ampoule set art. no. 10005, factory calibration certificate art. no. 10403, case art. no. 13624	€1,190.-

You will find further accessories on the next page.

Price basic device
without sensor
€350.-



Food

Spare parts external sensor

article no.	description	price
14919	Water activity measuring chamber incl. moisture and temperature sensor with 2 meter connection cable - without accessories, connection to RH2, measuring range 0 to 1 aw, resolution 0.001, calibration 0.10 to 0.80 +/- 0.01 aw, calibration 0.00 to 0.10 and 0.80 to 0.98 +/- 0.04 aw (at 25 °C), temperature range 0 to + 50 °C, calibration +/- 0.5 °C (at 25 °C), fan-controlled air circulation enables very fast adjustment behaviour, incl. factory calibration certificate art. no. 10403	€1,070.-
14920	Aluminium water activity measuring cell 25 ml with attachable humidity-temperature sensor with 2 meter connection cable - without accessories, connection to RH2, measuring range 0 to 1 aw, resolution 0.001, calibration 0.10 to 0.80 +/- 0.01 aw, calibration 0.00 to 0.10 and 0.80 to 0.98 +/- 0.04 aw (at 25 °C), temperature range 0 to + 50 °C, calibration +/- 0.5 °C (at 25 °C), dimensions: 86 mm x Ø 88 mm, the low dead volume results in a very fast adjustment behavior, incl. factory calibration certificate art. no. 10403	€1,090.-
14880	Replacement sensor aw-value measuring chamber pluggable with factory calibration certificate. Can be used for aw-value measuring chamber from SN 20000 to 30000. Defective sensor can be replaced directly by the spare sensor.	€380.-
14937	Replacement sensor aw-value measuring cell pluggable with factory calibration certificate. Can be used for all aw-value measuring cells. Defective sensor can be replaced directly by the spare sensor.	€380.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14957	humimeter USB data interface module BATTERY VERSION with LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€395.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
13740	Screw top jar replacement set for water activity measuring chamber art. no. 13700: 14 units for a filling quantity of max. 245 ml	€40.-
13741	Screw top jar replacement set for water activity measuring chamber art. no. 13700: 14 units for a filling quantity of max. 186 ml	€40.-
14952	Spare can set for aw-value measuring cell - 10 plastic inserts with cap	€13.-
14126	Plastic cans (PET) with screw top for aw-value measuring chamber art. no. 13700: 14 units for a filling quantity of max. 200 ml	€55.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
11233	Certified calibration ampoules - set of 5 units with 35 % RH	€110.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
11235	Certified calibration ampoules - set of 5 units with 80 % RH	€110.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-

humimeter RHL

Grain moisture meter with data logger

Article no. 14346

Price basic device
without sensor
€395.-

Applications:

For measurements of moisture and temperature in the granary and grain silo as well as climate data recordings.

Calibration curves

Maize, wheat, barley, rye, triticale, relative humidity, dew point, aw-value

Technical data

Measuring range	Maize, wheat, barley, rye, triticale 12 to 18 % water content
aw value	0.001 to 1
Relative humidity	0 to 100 % RH
Dew point	-55 to +60 °C
Resolution	0.1% water content, 0.001 aw, 0.5 °C / °F
Temperature range ugl	10 - 30 °C
Operating temperature for sensor	-20 to +120 °C
Accuracy rel. humidity	+/- 1.5 % (at 25 °C)
Accuracy temperature	+/- 0.3 °C (at 25 °C)/ +/- 0.5 °F (at 77 °F)
Accuracy grain	+/- 0.6 % (at 25 °C)
Temperature compensation	Automatic
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Storage temperature	-20 °C to +60 °C
Power supply	4 x 1.5 Volt AA Alkaline batteries
Power consumption	60 mA (with display illumination)
Dimensions basic device	145 x 75 x 30 mm
Weight basic device	266 g (incl. batteries)
Protection class	IP 40
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Food

Scope of delivery

humimeter RHL with rubber protection cover and batteries. Please select the required sensor from the following list.

Required external sensor

article no.	description	price
12004	LF_TB 120 Precision humidity and temperature plug-in sensor for material moisture - sensor head 0.3 m stainless tube with steel sinter cap and 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C)	€550.-
14640	LF_TB 120 with individual tube length - precision humidity and temperature plug-in sensor for material moisture with sensor head made of stainless tube with steel sinter cap and connection cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C) - tube length is selectable by the customer, possible length: 200 to 2000 mm	€760.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
10006	Calibration equipment for tube sensor	€160.-
10005	Certified calibration ampoules - set of 5: 2 units with 35 % RH, 1 unit with 50 % RH, 2 units with 80 % RH	€110.-
10352	Certified calibration ampoules - set of 5 units with 50 % RH	€110.-
11235	Certified calibration ampoules - set of 5 units with 80 % RH	€110.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
13624	Case for humimeter RH2 and RHL	€70.-
10403	Factory calibration certificate, adjustment report at delivery for humidity meters	€110.-

humimeter FSG

Measuring instrument for quick water content determination of nuts and special products

Price
€2,150.-

Article no. 13200

Applications:

The food moisture meter humimeter FSG offers fast and reliable non-destructive measurements of the water content of various food products. Representative measurement results of food moisture can be obtained via the large sample chamber.

Calibration curves

Peanuts shelled, unshelled and roasted, pecans unshelled, chestnuts, macadamia nuts shelled and unshelled, almonds shelled, walnuts shelled, unshelled and ground, cashew nuts shelled and unshelled, Brazil nuts shelled, hazelnuts shelled and unshelled, spiral noodles. Additional characteristic curves are available upon request and custom products can be calibrated at any time.

Technical data

Measuring range	0 to 50 % water content (depending on product type)
Resolution	0.1 % water content
Calibration accuracy to reference material	+/- 0.5 %
Sample quantity	2.0 liters
Compensation	Sample temperature measurement, bulk density compensated by use of a scale
Temperature range for water content determination	0 to +50 °C
Temperature compensation	Automatic
Measuring result	Within seconds without sample preparation
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions	226 x 165 x 240 mm
Weight	3 kg (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Offset-function	Adjustment of the calibration curve
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter FSG with humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC, digital scale 2200 g, measuring bucket 2.5 liters and batteries

Accessories & possible add-ons

article no.	description	price
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
12297	Entry of an existing characteristic curve in a FSA or humimeter device	€99.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-
12311	Power supply for continuous operation of the scale	€30.-
14813	ISO testing supplies for humimeter FSG: test medium and standard weight	€130.-

humimeter FLH

Professional hops moisture meter with data logger

Required accessories: external sensors

Price basic device
without sensor
€360.-

Article no. 13157

Applications:

For water content determination of hops bales, air humidity of kiln and conditioning chamber, hops equilibrium moisture content, long-term recording of temperature and climate data and for water content determination of hay and straw bales. For connection with the following external sensors: insertion probe for hops bales, air humidity and temperature sensor, infrared temperature and hops umbel sensor.

Technical data

Measuring range	4 to 40 % water content (depending on calibration curve)
Resolution	0.1 % water content
Calibration accuracy to reference material	+/- 0.5 %
Temperature measuring range	-15 to +85 °C (measuring tip only)
Measuring result	within seconds
Memory function	Hold function, datalog for 10,000 values with measuring location description
Power supply	4 x 1.5 Volt AA Alkaline batteries
Power consumption	60 mA (with display illumination)
Dimensions basic device	145 x 65 x 27 mm
Weight basic device	250 g
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter FLH incl. rubber protection cover and batteries

Please select the required sensor from the following list.

Required external sensor

article no.	description	price
13158	Insertion probe with stainless steel probe of 0.3 meter length, for measuring hops bales as well as hay and straw bales	€370.-
13736	FLH hops umbel sensor	€570.-
12032	Humidity and temperature sensor with 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 0 to 90 % RH +/- 2.0 % RH (at 25°C)	€260.-
12004	LF_TB 120 Precision humidity and temperature plug-in sensor for material moisture - sensor head 0.3 m stainless tube with steel sinter cap and 2 meters connecting cable - relative air humidity 0 to 100 % RH, calibration 10 to 90 % RH +/- 1.5 % RH (at 23°C)	€550.-
12513	Contactless infrared temperature sensor for humimeter	€95.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
13888	Test block for hops umbel sensor	€99.-
10249	Stainless steel sinter sensor cap with stainless steel sinter filter: for applications at high temperatures and harsh operating conditions	€36.-
14295	Case for humimeter FLH	€70.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
12508	Replacement cable for FLH insertion probe, BL2 and RM1 probes	€70.-

humimeter FL2

Hay and straw moisture meter

Price
€495.-

Article no. 14000

Applications:

Hay and straw moisture meter with very stable, exchangeable 0.6 meter stainless steel rod electrode. With calibration option for special materials such as cellulose, tobacco, alfalfa, etc.

Technical data

Measuring range	8 to 60 % water content (depending on product type)
Resolution	0.1 % water content
Calibration accuracy to reference material	+/- 0.8 %
Temperature compensation	Automatic
Temperature measuring range	-20 to +120 °C (measuring tip only)
Measuring result	Within seconds
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions	740 x 65 x 40 mm (without handle bar)
Weight	450 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Average calculation	Automatic
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter FL2, handle bar, rubber protection, batteries and compactor plate for loose material, storage box

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
12297	Entry of an existing characteristic curve in a FSA or humimeter device	€99.-
14902	Replacement lance 1.15 m for humimeter FL series	€195.-
15235	Replacement lance 0.6 m for humimeter FL series	€175.-
15147	Steel handle bar – spare part for humimeter BLL, FL1 and FL2	€35.-

humimeter FL1

Hay and straw moisture meter

Article no. 12245

Applications:

The humimeter FL1 is primarily used as a hay moisture meter and hay probe and is equipped with an exchangeable 0.6 meter long hay probe (rod electrode).

Technical data

Measuring range	8 to 40 % water content
Resolution	0.5 % water content
Calibration accuracy to reference material	+/- 1.0 %
Temperature compensation	Automatic
Temperature measuring range	-20 to +85 °C
Measuring result	Within seconds
Memory function	Hold function
Dimensions	740 x 65 x 40 mm (without handle bar)
Weight	450 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter FL1, handle bar, rubber protection and batteries

Accessories & possible add-ons

article no.	description	price
12289	Wooden case for humimeter FL1 & FL2	€65.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
14902	Replacement lance 1.15 m for humimeter FL series	€195.-
15235	Replacement lance 0.6 m for humimeter FL series	€175.-
15147	Steel handle bar – spare part for humimeter BLL, FL1 and FL2	€35.-

humimeter FLS

Robust moisture and temperature hay stack probe of 2 meters length, separable

Price
€580.-

Article no. 13950

Applications:

With its 2 meter insertion probe, the humimeter FLS enables easy monitoring of the moisture content as well as the temperature even in deep layers of the haystack.

Technical data

Measuring range	8 to 30 % water content
Display resolution	0.1 % water content
Calibration accuracy to reference material	+/- 0.8 %
Temperature measuring range	-20 to +120 °C (measuring tip only)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Power consumption	60 mA (with display illumination)
Dimensions	2280 x 75 x 45 mm (without handle bar)
Weight	1200 g (incl. batteries)
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter FLS, rubber protection cover, handle bar and batteries

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
14902	Replacement lance 1.15 m for humimeter FL series	€195.-
15147	Steel handle bar – spare part for humimeter BLL, FL1 and FL2	€35.-

FLSO

Online moisture transmitter for determination of water content and temperature of hay in a hay stack

Price
€2,110.-

Article no. 13990

Applications:

The FLSO hay moisture transmitter, with its 2 meter lance, allows for easy monitoring of the ongoing hay drying process and hay storage.

Technical data

Measuring range	10 to 40 % water content, temperature +5 to +85 °C
Display resolution	0.1 % water content
Power supply	24 VDC (15 to 29 VDC), automatic temperature compensation
Temperature range for measurement	+5 to +40 °C
Analogue outputs	4-20 mA for water content
Scaling	(4-20 mA) 0 to 40 %
Temperature	(4-20 mA) +5 to +85 °C



Food

Scope of delivery

Hay moisture transmitter incl. connection cable of 1.9 m length with molded 5pole sensor plug

Accessories & possible add-ons

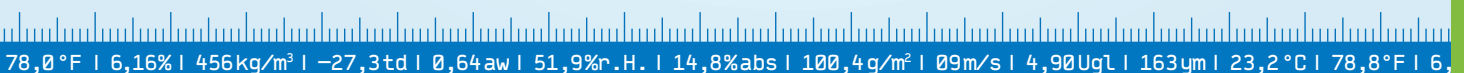
article no.	description	price
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
14902	Replacement lance 1.15 m for humimeter FL series	€195.-



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humimeter BMA-2

Patented professional measuring device for determining the water content of biomass with optional display of bulk density, calorific value and ATRO ton/m³

Price
★ €4,630.-

Article no. 12800

Applications:

Moisture meter for professional application for suppliers and operators of biomass heating systems, for quick and automated measurement of wood chips, wooden pellets, miscanthus, wood shavings, sawdust and maize cobs.

Technical data

Measuring range	5 to 70 % water content (depending on the material)
Resolution	0.1 % water content
Calibration accuracy to reference material	+/- 1.0 %
Bulk density compensated	By integrated scale
Sample volume	12 liters
Temperature measurement	Infrared sample temperature measurement
Temperature compensation	Automatic
Temperature range for measuring	0 to 50 °C
Measuring result	Within seconds without preparation of sample
Memory function	Manual datalog for 10,000 logs with measuring point report
Power supply	100-240 VAC
Optional	Display of bulk density, calorific value and ATRO ton/m ³ (only for wood chips)
Dimensions	432 x 282 x 862 mm
Weight	29 kg
Menu languages	English, German, Italian, French, Spanish, Russian, Portuguese, Czech, Polish, International



Scope of delivery

humimeter BMA-2 with measuring chamber, USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC, power supply

Additional packages

article no.	description	price
13733	Data package Integrated printer for humimeter BMA-2	€200.-
13737	ATRO package Integrated printer for humimeter BMA-2 Display of bulk density, calorific value and ATRO ton/m ³ (only for wood chips)	€730.-

Accessories & possible add-ons

article no.	description	price
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
12008	Paper rolls for thermo printer, set of 20 units (57 mm x 9 m)	€28.-
13100	External rechargeable battery for humimeter BMA-2 (for approx. 650 measurements)	€280.-
12318	Test medium for humimeter BMA-2 and BMC	€110.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
13594	Wheels (2 pieces) for transport of humimeter BMA-2	€100.-
12153-A	Measurement of shavings with the moisture analyzer G110 analysis scale for moisture determination of a wide range of materials. The weighing range of 110 grams with a reading accuracy of 0.005 grams allows accurate measurements of materials humimeter devices cannot be calibrated for. For purchasing both the humimeter BMA-2 and G110: 15% discount on G110.	€1,040.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-
14394	Spring contact set for BMA-2 (spare part 5 pcs.)	€66.-
14380	Alteration of humimeter BMA to humimeter BMA-2	€1,220.-

humimeter BMC

Moisture meter for water content determination of wood chips and sawdust

Article no. 13880 (Standard version)

Article no. 15300 (Rechargeable battery version with USB data interface)

Price Art. 13880
€2,020.-

Price Art. 15300
€2,490.-

Applications:

Measuring instrument for quick water content determination of wood chips and sawdust. For suppliers and operators of biomass heating systems.

Technical data

Measuring range	5 to 50 % water content (depending on the material)
Resolution	0.5 % water content
Calibration accuracy to reference material	+/- 1.5 %
Sample volume	12.5 liters
Temperature compensation	Automatic
Temperature range for determination of water content	0 to +40 °C / 32 to 104 °F
Measuring result	Within seconds without sample preparation
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions	296 x 278 x 508 mm
Weight	7.9 kg
Power supply	4 x 1.5 Volt AA Alkaline batteries or rechargeable battery
Menu languages	English, German, Italian, French, Spanish, Russian, Portuguese, Czech, Polish, International



Bioenergy

Scope of delivery

Art.Nr. 13880: humimeter BMC Standard, batteries and plastic bucket

Art.Nr. 15300: humimeter BMC Rechargeable battery version, USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC and plastic bucket

Accessories & possible add-ons

article no.	description	price
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
10600	Factory calibration certificate - adjustment report at delivery for material moisture meters	€110.-
12318	Test medium for humimeter BMA-2 and BMC	€110.-
11217	Laboratory analysis for creation of calibration curve for a specific new material for humimeter devices	€419.-
14823	Adaptation of an existing characteristic curve based on customer measurement data for humimeter devices and FSA	€189.-

humimeter BL2

Universal biomass moisture meter

Required accessories: Measuring probes art. no. 12518 or 12520

Price basic device
without sensor
€710.-

Article no. 12109

Applications:

Evaluation device for wood chips insertion probe and ram electrode for measuring round timber, split logs, wood chips, sawdust, pellets, shredded olive stones, hay and straw bales.

Technical data

Measuring range	Depending on the sensor (see accessories)
Resolution	Depending on the sensor (see accessories)
Calibration accuracy to reference material	+/- 2.5 %
Temperature compensation	Automatic
Temperature measurement	Depending on the sensor
Measuring result	Within seconds
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions basic device	145 x 75 x 30 mm
Weight basic device	265 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter BL2 with rubber protection cover and batteries

Please select the required sensor from the following list.

Required external sensor

article no.	description	price
12518	BL2 insertion probe for wood chips, 1 meter length, with exchangeable measuring head, for water content determination of wood chips, wooden pellets, shredded olive stones and sawdust, measuring range wood chips 10 - 50 % water content, wooden pellets 11 - 20 % water content, sawdust 14 - 50 % water content, shredded olive stones 10 - 21 % water content, dimensions 1150 x 35 x 35 mm, weight 710 g	€380.-
12520	BL2 hammer (ram electrode) with 2 meter cable, for water content determination of round timber and split logs, measuring range 8 to 60 % water content (depending on the wood type), dimensions 360 x 45 x 45 mm, weight 1.5 kg	€280.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
12521	Tips set for measuring hay and straw bales, for mounting at BL2 hammer art. no. 12520: 2 stainless steel tips Ø4 mm, length 255 mm	€80.-
12540	Wooden case for humimeter BL2 (for humimeter BL2 and all accessories)	€170.-
11929	Case for humimeter BLW, WLW, BL2 and GF2	€70.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
12472	Replacement tip (measuring head) for humimeter BLL, BL2 and RM1	€200.-
12467	Extension for BLL and BL2 insertion probe - optionally mountable extension pipe of 1 meter, for a total length of 2 meters	€365.-
12508	Replacement cable for FLH insertion probe, BL2 and RM1 probes	€70.-

humimeter BLL

Wood chips moisture meter with insertion probe

Price
€1,030.-

Article no. 12029

Applications:

Moisture meter with insertion probe of 1 meter length and data logger for water content determination of wood chips.

Technical data

Measuring range	10 to 50 % water content (depending on material) (represents 100 % wood moisture)
Resolution	0.5 % water content
Calibration accuracy to reference material	+/- 2.5 %
Temperature compensation	Automatic
Temperature range for determination of water content	0 to + 40 °C
Temperature measuring range	-10 to + 80 °C
Measuring result	Within seconds without sample preparation
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Dimensions	1155 x 75 x 45 mm (without handle bar)
Weight	830 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



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Scope of delivery

humimeter BLL with rubber protection cover, steel handle bar and batteries

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
12092	Wooden case for humimeter BLL	€105.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-
12472	Replacement tip (measuring head) for humimeter BLL, BL2 and RM1	€200.-
12467	Extension for BLL and BL2 insertion probe - optionally mountable extension pipe of 1 meter, for a total length of 2 meters	€365.-
15147	Steel handle bar – spare part for humimeter BLL, FL1 and FL2	€35.-

humimeter WLW

Wood moisture meter with switchable display for water content, wood moisture and dry matter

Required accessories: Measuring probe

Article no. 12626

Price basic device
without sensor
€530.-

Applications:

Ideal instrument for professional applications in sawmills, joineries and timber construction companies, due to its high measuring range (up to 150 % wood moisture) and hammering depth.

Technical data

Measuring range wood moisture	7 to 150 % (dependent on the wood type)
Measuring range water content	10 to 60 % (dependent on the wood type)
Resolution	0.1 % wood moisture
Temperature compensation	Automatic
Memory function	Hold function, manual datalog for 10,000 logs with measuring point report
Measuring result	Within seconds without sample preparation
Dimensions basic device	157 x 75 x 30 mm
Weight basic device	265 g (incl. batteries)
Power supply	4 x 1.5 Volt AA Alkaline batteries
Menu languages	English, German, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International



Scope of delivery

humimeter WLW with rubber protection cover and batteries
Please select the required sensor from the following list.

Required external sensor

article no.	description	price
12846	SET WLW hammer (ram electrode) with measuring tips and case	€280.-
12630	humimeter WLW hammer (ram electrode) with BNC cable, without measuring tips - for connection to humimeter GF2 art. no. 13141 is required!	€240.-
15072	humimeter hand electrode incl. 10 replacement tips 16 mm and 10 replacement tips 23 mm, incl. art. no. 12881 BNC connection cable	€135.-

Accessories & possible add-ons

article no.	description	price
12278	humimeter USB data interface module and LogMemorizer basic measuring data recording & analysing software incl. USB cable for PC	€315.-
14944	Internal Bluetooth 5.0 with LogMemorizer basic measuring data recording & analysing software	€385.-
11909	LogMemorizer PRO annual license with cloud connection. Bluetooth or USB data interface is required	€89.-
12881	BNC connecting cable Ø4 mm, 100 cm length - spare part (included in art. no. 13141)	€45.-
11929	Case for humimeter BLW, WLW, BL2 and GF2	€70.-
15444	Thermal printer with rechargeable battery (USB-C version) – Mobile serial printer for humimeter devices with USB interface	€375.-
12146	Set of 20 replacement tips for measuring electrodes, without insulation, 40 mm length	€17.-
11775	Set of 20 replacement tips for measuring electrodes, without insulation, 60 mm length	€20.-
11482	2 replacement tips for measuring electrodes, insulated, 60 mm length	€25.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-

HGT-A

Wood chips moisture transmitter

Price
€2,340.-

Article no. 14236

Applications:

Wood chips moisture transmitter for water content determination of wood chips. For installation in a screw conveyor or in the feed channel for sheet thicknesses up to 12 mm.

Technical data

Measuring range	10 to 50 % water content (corresponding to 100 % wood moisture)
Calibration accuracy to reference material	+/- 5 %
Temperature compensation	Automatic
Temperature range	+5 to +40 °C
Dimensions	188 x 88 x 77 mm
Weight	744 g (without cable)
Power supply	24 VDC (18 to 29 VDC)
Analog output	4-20 mA for water content
Option	Analog output for temperature



Bioenergy

Scope of delivery

Wood chip moisture transmitter incl. connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
12327	Analog output for temperature measurement 4 to 20 mA at a sample temperature range of -10 to + 70°C	€230.-
12426	Keyboard and display in the housing of wood chips moisture transmitter	€240.-
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-

HGT-A extended

Online wood chips moisture transmitter with extended moisture and temperature range

Price
€3,010.-

Article no. 12234

Applications:

Wood chip moisture transmitter for measuring the water content of wood chips with high moisture and temperature range. For installation in a screw conveyor or in the feed channel for a sheet thickness up to 12 mm.

Technical data

Measuring range	10 to 60 % water content (corresponds to 150 % wood moisture)
Calibration accuracy to reference material	+/- 5 %
Temperature compensation	Automatic
Temperature range	+5 to +85 °C
Dimensions	188 x 82 x 77 mm
Weight	744 g (without cable)
Power supply	24 VDC (18 to 29 VDC)
Analog output for water content	4-20 mA
Analog output for temperature	4-20 mA +5 to +85 °C



Scope of delivery

Wood chip moisture transmitter incl. connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
12308	Test block for humimeter FL1, FL2, FLH, BLL, BL2, WLW, BLW, SLW, RM1, BLO and external sensors art. no. 12122 and art. no. 12470	€95.-

Universal material moisture transmitter

Material moisture transmitter in customised version

Price
€2,955.-

Article no. 12849

Applications:

Moisture transmitter for water content determination of various special materials

Technical data

Power supply	24 VDC (18 to 29 VDC)
Calibration accuracy to reference material	+/- 2.5 % (depending on material)
Temperature compensation	Automatic
Analog output	4-20 mA for water content

Scope of delivery

Material moisture transmitter incl. connection cable of 1.9 m length with 5-pole moulded sensor connector

Accessories & possible add-ons

article no.	description	price
14797	Sensor adaptation for universal material moisture transmitter according to customer requirements	at cost
12327	Analog output for temperature measurement 4 to 20 mA at a sample temperature range of -10 to + 70°C	€230.-
13585	Electrode V2A, 40 mm length, Ø 3.8 mm, without insulation	€15.-
13605	Cable with 5 meters length for sawn timber drying chamber, for connection of 2 electrodes art. no. 13585 to universal material moisture transmitter art. no. 12849	€46.-
13606	Cable with temperature sensor (5 meters length) for sawn timber drying chamber, for connection to universal material moisture transmitter art. no. 12849	€56.-
14927	Option biofilter version for universal material moisture transmitter art. no. 12849	€210.-



Example picture - sensors are manufactured according to individual requirements

Bioenergy

BLC moisture transmitter

Ready calibrated system for continuous real-time water content determination

Price
★ €3,950.-

Article no. 13573

Article no. 15195

Applications:

For determining the water content of sawdust and wood shavings (art. no. 13573) as well as wood chips, pellets and other materials (art. no. 15195).

Technical data

Measuring range wood chips	2 to 60 % water content (represents 150 % wood moisture)
Measuring range pellets	2 to 20 % water content
Calibration accuracy to reference material	+/- 2.5 % water content
Temperature range	0 to +50 °C
Temperature compensation	Automatic
Power supply	24 VDC (18 to 29 VDC)
Analog output	4-20 mA for water content
Option	Analog output for temperature
Dimensions	230 x 160 x 93 mm
Weight	3.3 kg



Scope of delivery

BLC moisture transmitter with connection cable of 1.9 meters length

Accessories & possible add-ons

article no.	description	price
12327	Analog output for temperature measurement 4 to 20 mA at a sample temperature range of -10 to + 70°C	€230.-
14750	Insulated bonnet for weatherproof use	€375.-
15243	Protective plate for BLC, spare part, suitable for art. no. 15195	€165.-

BRC moisture transmitter

Ready calibrated system for continuous real-time water content determination

Article no. 13550

Applications:

For determination of water content of dry wood chips, suited for wood gasification plants.

Technical data

Measuring range	2 to 30 % water content (represents 2 to 43 % wood moisture)
Calibration accuracy to reference material	+/- 2.5 %
Surrounding temperature range	-10 to +60 °C / 14 to 140 °F
Temperature range for determination of water content	0 to +50 °C / 32 to 122 °F
Temperature compensation	Automatic
Power supply	24 VDC (18 to 29 VDC)
Analogue output	4-20 mA for water content
Dimensions	364 x 300 x 118 mm
Weight	3.7 kg



Bioenergy

Scope of delivery

BRC moisture transmitter incl. display and connection cable of 1.9 meters length

Accessories & possible add-ons

article no.	description	price
12327	Analog output for temperature measurement 4 to 20 mA at a sample temperature range of -10 to + 70°C	€230.-