



***The complete
measurement program
for workshops, offices
and for hobbies***

MultiMeasure

BASIC



VIDEOSCOPY



MultiMeasure Basic Series

The brand name in measuring devices for the home, the office, workshops and for countless hobbies

Do you need a measurement quickly? Do you need a reliable intermediate measurement or do you need to carry out a function or quality check in the scope of your daily work? Well, thanks to the low-priced, high-quality, high-precision

measuring devices in the MultiMeasure Basic Series you are now excellently equipped to perform a whole range of measurements in a sheer endless variety of scenarios quickly and extremely effectively.



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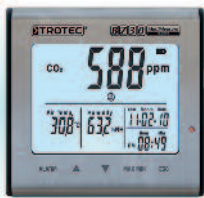


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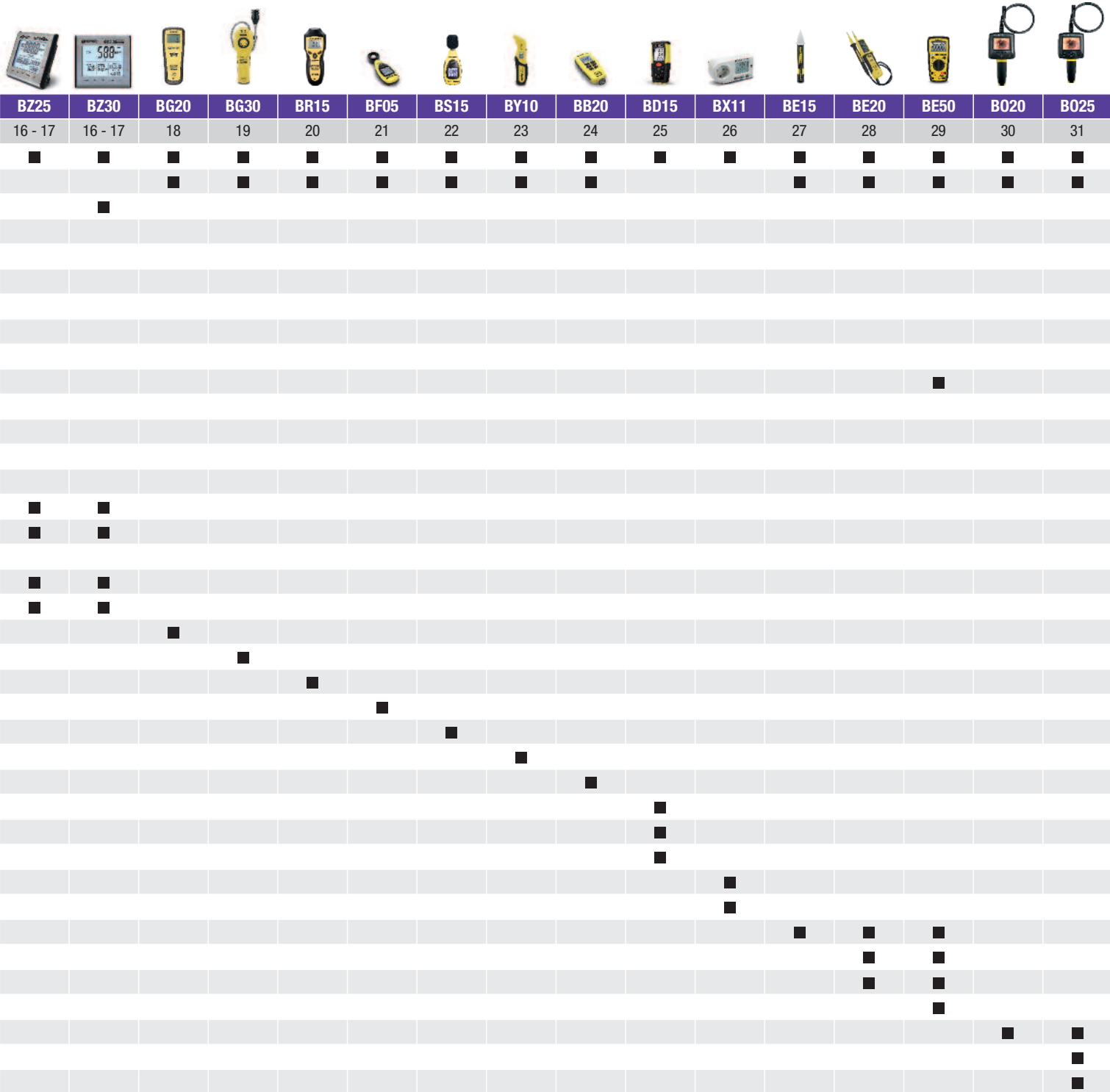
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Overview

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BT20 Insertion Thermometer

Quick temperature control – couldn't be easier to use

BENEFITS IN PRACTICE:

Quick and easy core temperature measurements

High measuring range

Minimum and maximum value function / hold function

Easy cleaning and handling

Quick reaction time

Soft touch protective rubber mantle

Stainless steel measuring tip

Excellent value for money



A long, slim stainless steel measuring tip and a measuring range from $-40\text{ }^{\circ}\text{C}$ to $+250\text{ }^{\circ}\text{C}$ not only make this prod thermometer ideal for a variety of measuring applications in gastronomy and laboratories as well as in trade and industry, it also makes it an extremely handy and effective tool for tradesmen, craftsmen, hobby enthusiasts and DIYers alike.

The hygienic synthetic housing is easy to clean and has a rubber soft-touch protective casing which protects the thermometer against splashes or small sprays of water while ensuring that the thermometer always sits nice and firmly in your hand.

The BT20 prod thermometer can be used to measure the temperature of liquids or bulk materials as well as the core temperature of foods in conformity with HACCP standards. This makes it ideal for food inspectors as well as service personnel in gastronomy and catering.

The BT20 can also double as a roast thermometer which allows both professional and hobby chefs to test just how well their juicy joint or Sunday roast is done.

Technical data	BT20 Insertion Thermometer
Article no.	3.510.205.001
Measuring range	$-40\text{ }^{\circ}\text{C}$ to $+250\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$ to $+482\text{ }^{\circ}\text{F}$)
Accuracy	1.5 % of the measured value or $\pm 2\text{ }^{\circ}\text{C}$ ($\pm 3.8\text{ }^{\circ}\text{F}$)
Resolution	0.1 $^{\circ}\text{C}/^{\circ}\text{F}$
Reaction time	2 seconds
Functions	Minimum and maximum value display, hold function, choice of temperature displays ($^{\circ}\text{C}$ and $^{\circ}\text{F}$), auto power off
Dimensions L x W x H	211 x 19 x 32 mm
Weight	130 g
Battery	1 x LR44 (1.5 V)
Scope of supply	Measuring device, protective sheath for measuring tip, battery



BT20

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Temperature

BP20 Pyrometer

Quick and precise contact-free temperature measuring



Low in price – high in performance:

The BP20 offers a more than convincing performance for a device of this class and category, providing premium performance data in high temperature ranges, an optical resolution of 12:1, a degree of emission that can be toned to suit individual material requirements and an innovative dual laser that can automatically visualize the measuring spot size.

The BP20 is ready to use within seconds and can measure temperature values ranging from -35 °C to +800 °C quickly and reliably.

The pyrometer cannot only hold the current measuring value, it can also display the maximum and minimum measuring value as well as maximum permissible or threshold values which sound an acoustic alarm as soon as the defined limits have been exceeded.

The user friendly design and the sheer endless features make it a highly versatile infrared thermometer ideal for use in trade and industry and for hobby enthusiasts.

Technical data	BP20 Pyrometer
Article no.	3.510.003.030
Optical resolution (D:S)	12:1
Temperature range	-35 °C to +800 °C
Accuracy max.	±1 % of measured value or ±1 °C
Smallest measuring spot size - ø	12.5 mm (distance 150 mm)
Resolution	0.1 °C
Reaction time	0.3 sec
Spectral sensitivity	6 ~ 14 µm
Functions	Minimum and maximum value information, hold function, separately activatable dual laser, permanent measuring, alarm, temperature selection °C/°F, illuminated display, auto power off
Power supply	9V block battery
Dimensions	82 x 42 x 160 mm
Weight	177 g
Scope of supply	Measuring device, carry case, 9V battery, operating instructions

BENEFITS IN PRACTICE:

Contact-free surface temperature measurement from -35 °C to +800 °C

Measuring optic 12:1

Excellent value for money

Measuring spot diameter display due to dual laser technology

Degree of emission freely adjustable from 0.1 to 1.0

Minimum and maximum value function / hold function

Backlit display

Alarm function



Temperature

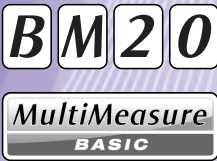
BM20 Moisture Indicator

Quick and easy wood and building moisture measuring

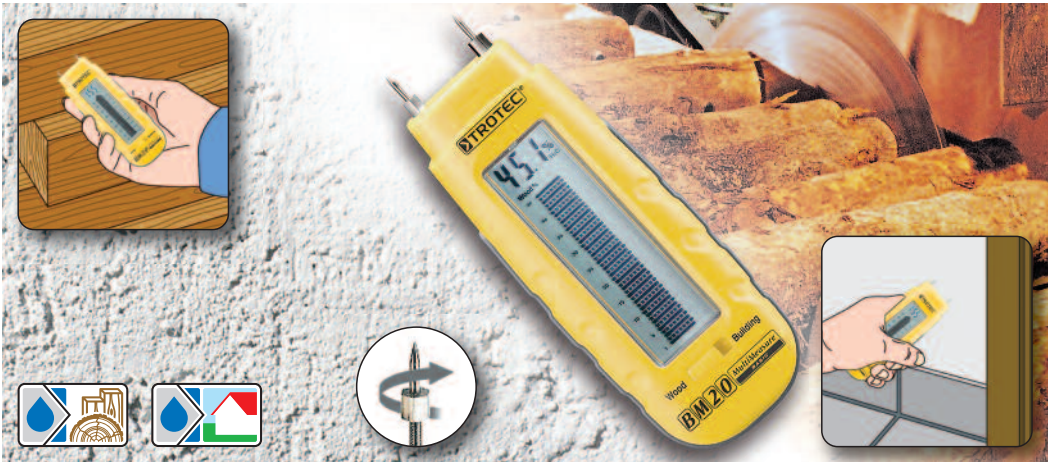
BENEFITS IN PRACTICE:

- 2-in-1 wood moisture and material moisture measuring
- Dual scale for wood moisture and material moisture
- Protective cap and belt clip
- Ready to use immediately
- Automatic function and battery test
- Excellent value for money
- Direct reading in vol%
- Extended range compared to BM15
- Easy-to-change steel measuring pins
- Mode selection slide
- Auto power off

Moisture measuring using the resistance method



Moisture



The BM20's easy-to-change steel measuring pins guarantee solid contact to the test object and ensure reliable readings when determining the moisture content of timber and firewood or the moisture content of soft building substances like plaster, stucco or screed.

A bar scale and an additional moisture value in absolute percent facilitate reading from the display, whereby the two individual scales, one for wood and one for building materials, increase the accuracy even further.

The calibrating curve installed in the meter for wood moisture measurements corresponds to the average of all the relevant types of wood found in Europe on the basis of a wood temperature of 20 °C.

This means that there is no need to adjust any settings in order to obtain a quick indication of the moisture content of a certain type of wood.

Technical data		BM20 Moisture Indicator
Article no.		3.510.205.021
Measuring principle		Resistance method
Electrode length		approx. 8 mm
Electrode diameter		approx. 2.2 mm
Wood moisture	Measuring range	1 - 45 %
	Accuracy	approx. ± 1 %
Building moisture	Measuring range	approx. 0.2 - 2.4 %
	Accuracy	approx. ± 0.05 %
Tolerable environmental conditions		0 - +40 °C / 0 - 85 % RH
Power supply		3 x CR 2032
Dimensions		139 x 47 x 25 mm
Weight		100 g

Scope of supply
Measuring meter with clip and protective cap, battery, operating instructions

The change from wood moisture mode to building moisture mode and vice versa can be carried out comfortably using the BM20's mode selection slide. There is also a reference adaptor built into the protective cap of the meter.

BM30 Moisture Indicator

Quick localisation of surface moisture



The BM30 is an electronic moisture indicator designed to detect moisture that has spread close to the surface in various different types of materials, like those found in walls, floors or ceilings quickly and easily.

The dielectric measuring method is a totally non-destructive measuring method designed to determine whether there is any moisture in the materials without having to insert any probes or electrodes.

The BM30 can be used immediately and does not only have an extremely short reaction time, but can also provide the user with valuable information like the current value and the minimum and maximum values at the touch of a button on a brilliant, backlit display. The moisture indicator is also equipped with a hold-function that can freeze the current value at any wanted time.

Technical data	BM30 Moisture Indicator
Article no.	3.510.205.030
Measuring principle	dielectric
Measuring range	0 to 100 digits
Resolution	1 digit
Penetration depth	5 to 40 mm
Functions	Minimum, maximum value display, hold function, backlit display, auto power off
Power supply	9 V IEC 6LR61
Dimensions	180 x 45 x 35 mm
Weight	180 g
Scope of supply	Meter, batteries, operating instructions

The BM30 is not only ideal for determining the presence of close-to-surface moisture in many different materials, it is also excellently suited for use in CM measuring to carry out preliminary checks to determine when certain building materials can be laid.

BENEFITS IN PRACTICE:

- Quick and non-destructive indication of moisture spread in close-to-surface areas
- Extremely useful preliminary testing device for CM measurements
- Minimum and maximum value function / hold function
- Automatic function and battery test
- Ready to use
- Excellent value for money
- Backlit display
- Auto power off

Moisture measuring using the capacitive method



Moisture

BA05 Impeller Anemometer

Practical companion for air flow measurements

BENEFITS IN PRACTICE:

For quick and easy measuring of wind, air and gas flow rates

Excellent value for money

Maximum and average value display

Magnet impeller

Automatic backlight

Auto power off



The extremely compact BA05 mini anemometer is ideally suited for measuring flow rates quickly and easily in a variety of different scenarios.

The display can show a number of different measurements including wind speed in either kilometres or miles per hour and gas flow rates in metres per second or feet per minute. The device is also able to measure fan and ventilation system performance.

And because the BA05 can also be used to measure wind speeds in knots (kn), this handy little device is ideal for sporting and leisure activities which rely heavily on wind and thermals, like yachting, surfing and hang gliding, for example.



Technical Data		BA05 Impeller Anemometer
Article No.		3.510.205.041
Speed measurements	Measuring range	1.1 to 30 m/s; 0.8 to 108 km/h; 80 to 5,900 ft/min; 0.9 to 67 mph; 0.8 to 58 kn
	Resolution	0.01 m/s; 0.1 km/h; 1 ft/min; 0.1 mph; 0.1 kn
	Accuracy	±(3 % + 0.30 m/s); ±(3 % + 1.0 km/h); ±(3 % + 40 ft/min); ±(3 % + 0.4 mph); ±(3 % + 0.4 kn)
Functions		m/s, km/h, ft/min, mph, kn, maximum and average value display, automatic backlight, auto power off
Dimensions		164 x 54 x 34 mm
Weight		139 g (incl. battery)
Scope of delivery		Measuring device, battery, operating instructions

Here another few practical details – and not only for your next sailing trip. The sensor controlled display illumination is activated automatically when light starts to fade or lighting conditions are poor and the energy-saving magnet impeller increases the battery life of the anemometer.



Velocity

BA15 Impeller Anemometer

For quick and easy measuring of wind, air and gases



Problems regarding air speed, air temperature and air volume measurement are a thing of the past with the new impeller anemometer. The mobile device is ready for immediate operation and displays the measured values clearly and discernibly on a large, backlit screen.

In addition to the normal values, the device can display the minimum and the maximum value as well as the value that has just been measured at that particular point in time.

The BA15's flexible, 40 cm long, swan-like neck makes it easy to carry out measurements in hard-to-reach or inaccessible places like distant supply or discharge ducts, thus making it ideal for heating, sanitary and climate fitters when calibrating discharge grilles, canals and swirl ducts.

But that's not all: the BA15 is also great for hobby enthusiasts who wish to determine wind speed or handyman or doityourselves who would like to see if electrical appliances in the house, like air conditioners or cooling fans in EDP media are performing to standard.

Technical data		BA15 Impeller Anemometer
Article no.		3.510.205.040
Speed	Measuring range	1.00 - 30.00 m/s, 196 - 5,900 ft/min, 3.6 - 108.00 km/h
	Resolution	0.01 m/s, 1 ft/min, 0.1 km/h
	Accuracy	± 3 % ± 0.20 m/s, ± 3 % ± 40 ft/min, ± 3 % ± 0.8 km/h
Air flow volume	Measuring range	0 - 999.9 m³/min (CMM)
	Resolution	0.1 CMM
Temperature	Measuring range	-10.0 to +60.0 °C (+14.0 to +140.0 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±1.5 °C (±3.0 °F)
Functions		°C/°F, m/s, ft/min, m³/min (CMM), km/h, mph, knots, minimum and maximum value display, hold function, illuminated display, auto power off
Dimensions (excl. swan neck sensor)		130 x 40 x 25 mm
Power supply		9V IEC 6LR61
Weight		100 g

Scope of supply
Measuring device, battery, carry case, operating instructions

BENEFITS IN PRACTICE:

Quick and easy air flow, air temperature, air volume (CMM) measurement

Excellent value for money

Minimum and maximum value function / hold function

Semi-flexible, 40 cm Swan neck sensor

Backlit display

Auto power off

BA15

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Velocity

BC05 Thermo Hygrometer

Mobile climate measuring made easy

BENEFITS IN PRACTICE:

One device that measures both relative humidity and air temperature

Excellent value for money

Dual measurement display

Minimum and maximum value function

Can be used with one hand only

Automatic backlight

Auto power off



Whether you need it to check the climate in your home or your office, in production or in storage facilities, in laboratories or in the farming sector or in floristry, the easy-to-use BC05 is designed to provide you with precise and reliable temperature and relative humidity measurements in a mere matter of seconds.

And here's yet another practical detail: the BC05's dual measurement display with automatic backlight not only shows you the current measurement, it also allows you to select between the minimum or maximum value of the measurement that is just being taken.

This allows you to determine climate value changes in different room zones both quickly and effectively.



Technical Data		BC05 Mini Thermo Hygrometer
Article No.		3.510.205.003
Air temperature	Measuring range	-20 °C to +60 °C (-4 °F to +140 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±1°C (at 0 °C to 40 °C), ±2°C (at -20 °C to 0 °C and 40 °C to 60 °C)
Humidity	Measuring range	0 to 100 % RH
	Resolution	0.1% RH
	Accuracy	±3.5 % RH (at 20 % to 80 % RH), ±5 % RH (at 0 to 20 % and 80 to 100 % RH)
Functions		Minimum and maximum value, temperature display in °C and °F, automatic backlight, auto power off
Dimensions		146 x 54 x 34 mm
Weight		138 g (incl. battery)
Scope of delivery		Measuring device, battery, operating instructions

BC05

MultiMeasure
BASIC

Climate

BC20 Thermo Hygrometer

Precise climate measuring device that fits into any pocket



A high-quality sensory system and a variety of measuring functions make the BC20 the ideal climate measuring device for use in the home, the office, the workshop and for countless hobbies.

The relative humidity and the temperature are the decisive factors that not only affect how we feel at home, in the office and at the workplace, but also determine whether storage conditions are optimal or not and whether there is a real risk of rust or mould forming.

The BC20 is also equipped with an integrated dew point temperature measurement function which means that you have all the information you need to perform your comprehensive building climate checks. The shockproof, unbending stainless steel sensor is built to stand up to the rigours and demands that air conditioning engineers face in the field. In addition, the BC20 is equipped with a variety of different functions which enable the user to carry out wet bulb measurements, for example, making it ideal for use in the planning phase and while carrying out performance checks on climate and ventilation systems.

Technical Data		BC20 Thermo Hygrometer
Article No.		3.510.205.004
Air temperature	Measuring range	-30 °C to +100 °C (-22 °F to +199 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±1 °C (±1.5 °F)
Humidity	Measuring range	0 to 100 % RH (specified 5 to 95 % RH)
	Resolution	0.1% RH
	Accuracy	±2 % RH (at 25 °C and 5 to 95 % RH)
Dew point temperature	Measuring range	-30 °C to +100 °C (-22 °F to +199 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±1 °C (±1.5 °F)
Wet bulb temperature (cooling limit temperature)	Measuring range	0 °C to +80 °C (+32 °F to +176 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±1 °C (±1.5 °F)
Functions		Minimum and maximum value, hold function, temperature in °C and °F, automatic backlight, auto power off
Dimensions		225 x 45 x 34 mm
Weight		approx. 200 g (incl. battery)
Scope of delivery		Measuring device, battery, storage case, operating instructions

BENEFITS IN PRACTICE:

One single device for a variety of different climate data: relative humidity, air temperature, dew point and wet bulb temperature

Excellent value for money

Dual display for parallel presentation of additional measuring values

Minimum and maximum value and HOLD function

Quick reaction time

Soft touch function keys

Can be used with one hand only

Backlit display

Auto power off

Robust design



Climate

BL30 Climate Data Logger

Easy and accurate climate data logging over longer periods

BENEFITS IN PRACTICE:

Autonomous climate data logging over longer periods

Memory for 32,000 measuring values

Individually definable intervals from 1 second to 24 hours

Alarm function

Minimum and maximum values incl. time and date

USB interface for measuring data transfer

PC analysis software

Excellent value for money

The BL30's long life battery ensures non-stop autonomous operation for periods up to several months. The actual duration depends mainly on the selected recording interval and the prevailing conditions.

BL30

MultiMeasure
BASIC

Climate



The BL30 is an ultra-compact climate data logger designed for measuring and recording air temperature and relative humidity in the home, the workplace and in storage facilities over longer periods. A lockable wall mount is included in the scope of delivery.

A combination comprising a large memory for 32,000 measuring values, an adjustable data storage interval from 1 second to 24 hours and an alarm function with selectable upper and lower thresholds make the BL30 ideal for a variety of different applications – for example as a means for providing proof that tradesmen have acted in due diligence; or to determine the cause of damage brought on by mould or moisture; or to document that constant climatic conditions have been maintained in archives and storage facilities.

The PC analysis software included in the scope of delivery provides assessment and documentation functions for all measuring values including the time and date as well as information on any alarm thresholds which may have been exceeded.

Technical Data		BL30 Climate Data Logger
Article No.		3.510.205.520
Air temperature	Measuring range	-40 °C to +70 °C (-40 °F to +158 °F)
	Resolution	0.1 °C
	Accuracy	max. ±1 °C
Relative humidity	Measuring range	0 % RH. to 100 % RH
	Resolution	0.1 % RH
	Accuracy	max. 3 % RH
Memory	32,000 measuring values (16,000 for temperature and relative humidity respectively)	
Functions	Minimum and maximum value, time and date, alarm function, temperature display in °C and °F, individually definable intervals from 1 second to 24 hours, non-stop or ring logging	
Dimensions	94 x 50 x 32 mm	
Weight	91 g (incl. battery)	
Scope of delivery	Measuring device, battery, PC analysis software, lockable wall mount, operating instructions	

And because the BL30 can only be configured via a PC, the configuration cannot be tampered with or manipulated at the point where the device is located.

BZ05 Indoor Thermo Hygrometer

Room climate station with comfort zone display



The right indoor climate not only ultimately decides how comfortable you feel, it also decides how healthy the indoor environment is for you. The two main factors which are responsible for the right indoor climate are the temperature and the relative humidity. The BZ05 can measure these two values quickly and accurately and present them on the measuring device's large and easy-to-read display, along with the actual time and date. In addition, the BZ05 is able to record and display minimum and maximum values.

The integrated comfort indicator is another extremely practical feature. The indicator shows you quickly and straightforwardly whether the current room climate is optimal – or only acceptable – and also whether it is critical for the occupants of the room.



Technical Data		BZ05 Indoor Thermo Hygrometer
Article No.		3.510.205.010
Air temperature	Measuring range	0 °C to +50 °C (32 °F to 120 °F)
	Resolution	0.1 °C
	Accuracy	±1 °C (±1.8 °F)
Relative humidity	Measuring range	10 % RH to 90 % RH
	Resolution	1 % RH
	Accuracy	max. ±5 % RH
Functions		Minimum and maximum value, date and comfort indicator, alarm function, temperature display in °C und °F
Dimensions		108 x 60 x 15 mm
Weight		74 g (incl. battery)
Scope of delivery		Measuring device, battery, operating instructions

The timelessly elegant design, the fact that you can comfortably place your BZ05 on a table or mount it on a wall as well as the integrated alarm function make this multifunctional thermohygrometer ideal for living rooms, lounges, bedrooms, workrooms, conservatories and hobby rooms.

BENEFITS IN PRACTICE:

Simultaneous display of room temperature, relative humidity and time and date

Additional comfort zone indicator

Minimum and maximum value

Large, crystal clear display with easy-to-read measuring values

Alarm function

Can be placed on a table or fixed to a wall

Excellent value for money



Climate

BZ25 CO₂ Air Quality Meter

Measures the quality of the air in your room efficiently and reliably

BENEFITS IN PRACTICE:

Accurate and long-term stable NDIR measuring of carbon dioxide concentrations in the room air

Simultaneous display of CO₂ values, room temperature, relative humidity, time and date

Minimum and maximum value function for CO₂, air temperature and relative humidity

Carbon dioxide-alarm function with warning tone and selectable threshold values

Additional CO₂ indicator symbol

Large, crystal clear display with easy-to-read measuring values

Excellent value for money

BZ25

MultiMeasure
BASIC

Climate



Many of us spend up to 90 % of our lives indoors. And because buildings have become better insulated, contaminants which used to somehow find a way of escaping to the outside now remain locked inside with detrimental effects on the quality of the air that we breathe.

Increased carbon dioxide concentrations – even when they are within the legal limits – can not only cause tiredness, lack of concentration or a drop in performance, they can also seriously affect the health of the room's occupants, especially if the occupants are weak or elderly or if they are small children.

The BZ25 can monitor the quality of room air efficiently and reliably, making it the ideal for use in the home, the office, in playrooms, in school classrooms, kindergartens, offices and production facilities.

Thanks to the more accurate and long-term stable NDIR measuring method, the BZ25 can not only measure the air temperature and the relative humidity, but also the carbon dioxide concentra-

tion of the room in ppm before presenting it on the large, easy-to-read display.

You can also select your own individual CO₂ alarm threshold, which when exceeded will trigger an acoustic warning tone.

The CO₂ indicator on the BZ25's display is a much-welcomed added benefit:

the straightforward symbol shows you, along with the time and date, whether the carbon dioxide concentration in the air of the room you are in is good, normal or bad.

The BZ30 air quality data logger is also excellently suited as a combo measuring device for architects, experts, specialists and HVAC system engineers and builders.

The BZ30 has a large memory capacity for up to 40,000 measuring values and allows you to record carbon dioxide concentrations, air temperature and relative humidity values in selectable measuring intervals of between 1 second and 12 hours over a longer period.

You can use the USB interface of your logger to transfer the recorded data quickly and easily to your PC, where you can then use the software included in the scope of delivery to carry out further assessments or document your findings.

And because the BZ30 has a powerful NiMH battery, it can either be placed on a table and used as a stationary unit or used for mobile measuring operations.

The BZ30 provides property management companies and landlords letting out their properties with an excellent means of recording moisture and temperature values as well as CO₂ concentrations in order to determine whether the rooms have been aired properly.

BZ30 CO₂ Air Quality Data Logger

For autonomous documentation of the indoor air quality over longer periods



BENEFITS IN PRACTICE:

Has all the same features and functions as the BZ25

For autonomous documentation of carbon dioxide concentrations, room temperature and relative humidity over longer periods

Memory for 40,000 measuring values

Individually definable intervals from 1 second to 24 hours

USB interface for measuring data transfer

Can be placed on a table or used for mobile operation

PC analysis software

Technical Data		BZ25 CO ₂ Air Quality Meter	BZ30 CO ₂ Air Quality Data Logger
Article No.		3.510.205.014	3.510.205.015
Carbon dioxide	Sensor	NDIR sensor (non-dispersive infrared)	
	Measuring range	0 to 9,999 ppm CO ₂	
	Resolution (accuracy)	1 ppm (±75 ppm or ±5 % of the measuring value)	
Temperature	Measuring range	-5 °C to +50 °C	
	Resolution (accuracy)	0.1 °C (±0.5 °C)	
Relative humidity	Measuring range	0.1 % RH to 99.9 % RH	
	Resolution (accuracy)	0.1 % RH (max. ±3 % RH)	
Measuring interval		2 seconds	
Functions		Real-time display, minimum and maximum value for CO ₂ , temperature and relative humidity; time and date, CO ₂ indicator; CO ₂ alarm function; temperature display in °C and °F; backlit display	
Additional functions		—	Adjustable measuring cycle from 1 second to 24 hours, non-stop or ring logging
Memory		—	40,000 measuring values
PC interface		—	USB
Power supply		230 V mains adapter	NiMH battery or 230 V mains adapter
Dimensions / Weight		110 x 105 x 61 mm / 74 g	

Scope of delivery	Measuring device, mains adapter, operating instructions	Measuring device, mains adapter, operating instructions, NiMH battery and PC analysis software
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Climate

BG20 Carbon Monoxide Meter

For quick determination of CO concentration

BENEFITS IN PRACTICE:

Quick and reliable measuring of CO concentrations in the ambient air

Measuring range
from 0 to 1,000 ppm

Excellent value for money

Maximum value and hold function

Adjustable alarm threshold values

Backlit display

Memory for 10 recorded values

Auto power off



The BG20 is able to determine the exact CO concentration in the ambient air, thereby ensuring that existing rules and regulations governing maximum permissible values in the workplace are complied with.

The handheld device is ready for use in only two seconds and is able to determine CO concentrations between 0 - 1,000 ppm in the air both quickly and reliably.

The values are determined with an accuracy of ± 10 ppm before being displayed clearly and discernibly on the backlit screen.

The BG20 can store as many as 10 measurements for later use.

Technical data	BG20 Carbon Monoxide Meter
Article no.	3.510.205.060
Measuring range	0 - 1,000 ppm
Resolution	1 ppm
Accuracy	± 5 % or ± 10 ppm
Sensor type	Stabilized electrochemical gas specific (CO)
Warm-up time	< 20 seconds
Functions	Maximum value display, hold function, illuminated display, threshold alarm, memory for 10 measured values, auto power off
Operating conditions	0 °C to +50 °C, 0 % to 99 % RH (non-condensing)
Dimensions	160 x 56 x 40 mm
Weight	180 g
Scope of supply	Measuring device, battery, carry case, operation instructions

Practical alarm function with acoustic warning signal

Critical values can be checked quickly and comfortably thanks to the integrated alarm function: if the value exceeds 35 ppm, the device warns the user automatically by means of an alarm tone which sounds in increasingly shorter intervals and changes into a permanent warning tone as soon as 200 ppm have been exceeded.

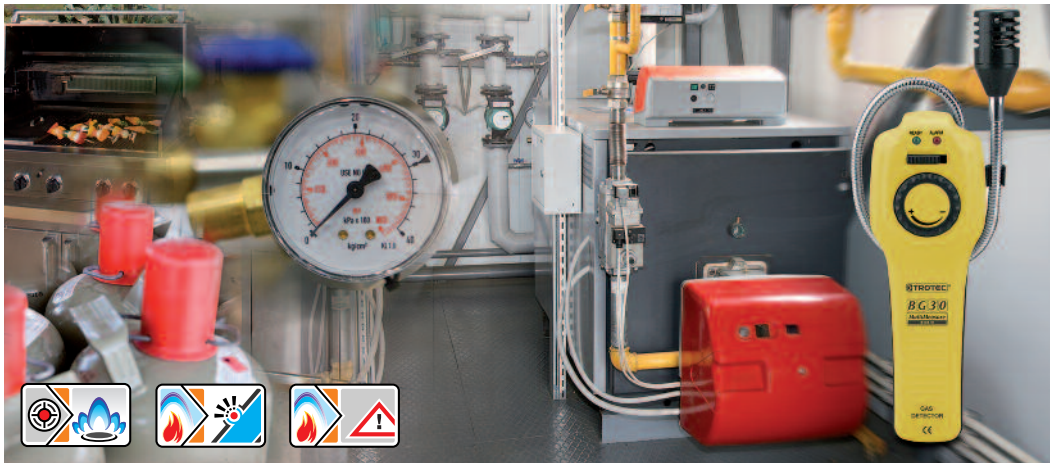
BG20

MultiMeasure
BASIC

Emissions

BG30 Gas Detector

Quick and easy detection of gas leaks



This gas detector is an absolute must for use in the home, on camping sites, on boats or simply everywhere where flammable gases are stored or in use. It's always better to play it safe and check your camping gas capsules, liquid gas bottles or gas soldering irons regularly to see whether they are air-tight or not.

The BG30 gas detector is also an extremely versatile tool for commercial use to detect gas leaks in pipes and fittings.

An acoustic alarm sounds with increasing volume and frequency to signal the intensity and source of the leak. A headset can be worn to eliminate any interference from surrounding sources.

The lower explosion level (LEL) for the BG30 is only 10 % making it even more sensitive than the arithmetically designated alarm threshold as laid down in many norms and regulations. LEL stands for lower explosion level and defines the minimum gas concentration in the air in which an explosion can occur.

Technical data		BG30 Gas Detector
Article no.		3.510.205.064
Accuracy		50 ppm
Standard calibration		Methane
Alarm threshold / Alarm level max.		10 % LEL / 40 % LEL
Warm-up time		approx. 60 seconds
Reaction time		< 2 seconds (up to 40 % LEL)
Functions		Optic and acoustic alarm (alarm frequency and volume in relation to gas concentration), individual calibration via infinitely variable intensity controls, headphone jack
Surrounding conditions	Operation	0 to +50 °C, 10 to 90 % RH (non-condensing)
	Storage	-30 to +60 °C
Swan neck probe		Length approx. 40 cm
Battery lifespan		approx. 8 hrs
Dimensions (of meter)		221 x 72 x 24 mm
Weight		520 g
Scope of supply		Meter, batteries, carry case, operating instructions

BENEFITS IN PRACTICE:

Gas warning meter and gas detector-in-one meter

Optic and acoustic alarm

Alarm frequency and volume in relation to gas concentration

Individual calibration via infinitely adjustable sensitivity controls

Easy one-handed operation

Excellent value for money

Semi-flexible, 40 cm long swan neck probe for hard-to-reach or otherwise inaccessible places

The BG30 is able to reliably detect natural gas, methane, ethane, propane, butane, acetone, alcohol, ammoniac, petrol, LPG, engine fuel, hydrogen sulphide, industrial solvents, paint thinners and other combustible gases.



Emissions

BR15 Microwave Radiation Meter

Reliable detection of harmful microwave radiation

BENEFITS IN PRACTICE:

Quick and easy radiation measuring in the 2.45 GHz band

Excellent value for money

Maximum value and hold function

Automatic optic and acoustic alarm when threshold values are exceeded

Backlit display

Auto power off



Leaking microwave ovens, WLAN routers, cordless DECT phones, Bluetooth appliances, mobile transmitters – the BR15 can detect them all – and any other harmful microwave radiation from high-frequency appliances that work in the 2.45 GHz ISM band.

The microwave radiation detected from such sources is presented as a digital indicator value that is clearly discernible on the BR15's display.

If the determined value is above the ICNIRP maximum permissible value of 5 mW/cm², the BR15 alarms the user by means of an optic and acoustic warning signal.

Technical data	BR15 Microwave Radiation Meter
Article no.	3.510.205.070
Measuring range	0 - 9.99 mW/cm²
Accuracy	± 1 dB
Display resolution	0.01 mW/cm²
Alarm threshold value	5.0 mW/cm²
Frequency range	Calibrated to 2,450 MHz
Functions	Maximum value display, hold function, illuminated display, alarm function, auto power off
Operating conditions	0 °C to +40 °C, 10 % to 85 % RH
Dimensions	160 x 60 x 42 mm
Weight	150 g
Scope of supply	Measuring meter, battery, carry case, operating instructions

Something you might like to know about EMF radiation:

Most of the countries across the world choose to align themselves to the recommendation of the International Commission on Non-ionizing Radiation Protection (ICNIRP) regarding the fixing of maximum permissible values in the high-frequency band.

The current threshold values, as recommended by the ICNIRP, vary according to their application from 0.2 to 5 mW/cm². Any values above this maximum threshold are deemed by all countries to be harmful.

BR15

MultiMeasure
BASIC

Emissions

BF05 Lux Meter

Universal light measuring made easy



Accurate light measurements are not a luxury. The compact Mini Lux Meter enables you to carry out precise illumination measurements both indoors and out.

The BF05's detector fulfills the ISO approved CIE (International Commission on Illumination) requirements. The integrated spectral filter reliably filters out all the infrared elements so that only the relevant light spectrum is measured.



This highly successful combination comprising reliable measuring technology, ergonomic design and unbeatable value for money makes the BF05 the ideal light measuring device for a variety of different applications.

Make the most of your BF05 and use it to measure illumination levels at home or in the workplace, to create window

Technical Data	BF05 Mini Lux Meter
Article No.	3.510.205.080
Light detector	Long life silicon photodiode with infrared filter
Selectable units of measurement	Lux (lx) or foot candle (fc); selectable
Measuring range	0 to 40,000 lx (0 to 3,716 fc)
Resolution	0.1 lx / 0.01 fc
Measuring accuracy	$\pm 5\% \pm 10 \text{ lx}/\text{fc}$ ($< 10,000 \text{ lx} / 1,000 \text{ fc}$), $\pm 10\% \pm 10 \text{ lx}/\text{fc}$ ($> 10,000 \text{ lx} / 1,000 \text{ fc}$)
Measuring rate	2.5x per second, nominal
Functions	Maximum value, selectable units of measurement (lux/foot candle), backlit display, auto power off
Dimensions	157 x 54 x 34 mm
Weight	138 g (incl. battery)
Scope of delivery	Measuring device, battery, operating instructions

displays or to determine the right lighting conditions at film and photo shoots or at fairs. The BF05 can also be used to check how much light plants in parks or green areas, conservatories or even the plants in your own garden are ex-

posed to. And it can help architects during planning or be used to carry out performance checks on indoor and outdoor lighting systems.

BENEFITS IN PRACTICE:

Measures illumination levels and light exposure

Excellent value for money

Large, crystal clear display with easy-to-read measuring values

Maximum value function

Can be used with one hand only

Automatic backlight

Auto power off

BF05

MultiMeasure
BASIC

Emissions

BS15 Sound Level Meter

For use in the environment, the workplace and in leisure time

BENEFITS IN PRACTICE:

Quick and reliable sound level measurements

Excellent value for money

Minimum and maximum value function / hold function

Automatic display illumination in poor lighting conditions

Extremely short reaction time

Auto power off

Tripod socket



The BS15 is able to measure a variety of sound sources within a measuring range from 40 to 130 dB (A) both quickly and reliably. It is additionally equipped with a minimum and maximum value function.

The wind protection cap included in the scope of delivery suppresses interfering noises, like the sound of the wind, during outdoor operation in rough conditions without influencing the quality of the sound level measurement.

An integrated sensor monitors the surrounding lighting conditions and switches the display illumination on automatically.

Technical data	BS15 Sound Level Meter
Article no.	3.510.205.050
Measuring range	0 - 130 dB (A) (31.5 Hz - 8 kHz)
Accuracy	±3.5 dB (at 1 kHz and 94 dB)
Display resolution	0.1 dB
Reaction time	125 ms
Functions	Minimum and maximum value display, hold function, illuminated display, auto power off
Operating conditions	0 °C to +40 °C, 10 % to 75 % RH
Dimensions	130 x 52 x 32 mm
Weight	135 g
Scope of supply	Measuring device, battery, wind protection cap, operating instructions

A variety of applications

A superb combination comprising innovative features, ergonomic design and unbeatable value for money makes this precision instrument suitable for a whole host of applications ranging from noise level measurement and management in offices, discos, private living areas and on building sites to noise level monitoring during machine inspections and free-time activities.

The BS15 can also be used for quality checks in the building trade, for example to detect noise sources or poorly fitted insulation. Troublesome and distracting noises are often transmitted via ventilation systems or utility shafts.

BS15

MultiMeasure
BASIC

Emissions

BY10 Tyre Pressure Meter

Quick and easy tyre pressure check



Optimise your tyre pressure and optimise your savings:

According to a number of recent surveys, low tyre pressure is causing one out of three motorists to dig deeper into their pockets to pay their petrol or gas bills.

What many motorists are not aware of: if the tyre pressure is only 7 PSI (0.5 bar) less than the value as recommended by the manufacturer, then petrol or gas consumption can increase by up to as much as 6 %! Driving with low tyre pressure also increases tyre wear, but more importantly still low tyre pressure can greatly affect the safety of the driver and the passengers, because low tyre pressure can quickly lead to longer braking distances and bad handling in bends.

Regular tyre checks simply make sense!

Our tip: Don't rely on the tyre pressure pumps and gauges at filling or service stations which are often badly maintained or poorly placed – or sometimes not even there when you need them! The BY10 tyre pressure meter uses digital precision to determine the exact tyre pressure on your car whenever and wherever you want and shows it to you on a large, easy-to-read display.

Technical data	BY10 Tyre Pressure Meter
Article no.	3.510.205.910
Measuring range	0.35 to 6.9 bar
	5 to 100 PSI
	35 to 690 kPa
Accuracy	± 1 %
Display	LCD with three-figure value
Functions	Unit of measurement selector for bar, PSI or kPa, built-in flashlight, auto power off
Power supply	2 x 1.5 V, IEC LR03
Dimensions	156 x 42 x 20 mm
Weight	200 g
Scope of supply	Meter, batteries, operating instructions

Practical features: The built-in flashlight easily allows you to find the valve in the evening when light is fading or in the darker winter months when night closes in sooner, so that you can perform a quick visual tyre check to check the condition and tread of the tyres.

The tyre pressure meter does not only fit on all Schrader or American valves, which are used on nearly all tyre makes for cars, motorbikes, mountain bikes or even kids' and kiddies' bikes, it also doubles as a versatile piece of equipment for use in the home and for commercial use. Various adapters are also available which allow the BY10 to be used with a number of different types of valve.

BENEFITS IN PRACTICE:

Digital meter for quick and precise tyre pressure check

Big, easy-to-read LCD display

Built-in flashlight

Excellent value for money

Auto power off

BY10

MultiMeasure
BASIC

Pressure

BB20 Coating Thickness Meter

Quick and easy determination of the thickness of car paint, for example, and other coatings

BENEFITS IN PRACTICE:

Dual sensor designed to measure the thickness of non-magnetic coatings on all magnetic and non-magnetic metals

Broad measuring range from 0 to 1,250 µm

Alarm function that alerts the user when predefined thickness thresholds have been exceeded

A variety of useful statistical functions like minimum, maximum or average coating thickness

Two-point calibration for high level of accuracy

Memory for up to 400 measuring values

USB interface for PC measuring data transfer

Can be used with one hand only

Backlit display

Auto power off

Excellent value for money

BB20

MultiMeasure
BASIC

Planning and survey



The BB20 has an innovative dual sensor which enables you to measure the thickness of non-magnetic coatings like paint and varnishes, synthetic coatings, zinc coatings, enamel or chrome as well as steel or iron and non-iron metals like aluminum, magnesium, titanium etc.

The measuring head is spring-mounted and has a practical V groove. This makes it easier to carry out measurements on rounded objects like axes or hinges and prevents vibrations from distorting or affecting the measuring results.

The measuring device is extremely compact and can be used with one hand only. It has an impressive measuring range from 0 to 1,250 µm and guarantees precise measuring results with helpful statistical values and a practical alarm function which alerts the user when predefined thickness thresholds have been exceeded.

Technical Data	BB20 Coating Thickness Meter	
Article No.	3.510.205.075	
Sensor	Ferromagnetic surfaces	NF metallic surfaces
Functioning principle	Magnetic induction	Eddy current
Guaranteed tolerance	(±3 % + 1) µm of the measuring value	(±3 % + 1.5) µm of the measuring value
Bending radius minimum (surface)	1.5 mm	3 mm
Smallest measuring area	Ø 7 mm	Ø 5 mm
Critical primary layer thickness	0.5 µm	0.3 µm
Measuring range	0 to 1,250 µm	
Accuracy	max. 0.1 µm	
Functions	Maximum value, minimum value, average value and standard deviation, alarm function, backlight, auto power off	
Dimensions / Weight	110 x 54 x 24 mm / 100 g (incl. battery)	
Scope of delivery	Measuring device, calibrating accessories, storage case, battery, operating instructions	

These professional functions and features make the BB20 ideal for use in the automotive sector where it can be used to inspect the bodywork of cars and check whether a car has been involved in an accident or a new coat of paint has been applied. It can also be used to check just about everything ranging from paint thickness on railings to the coats of paint on a boat or ship as well as other protective coatings.

BD15 Distance Meter

Quick and easy laser-precision measuring



The BD15 is a compact and extremely versatile measuring device which allows you to measure distance, areas and volumes quickly and easily with laser-accurate precision – even in extremely remote or otherwise hard-to-access locations. You need no longer rely on cumbersome or inaccurate measurements with tape measures or unwieldy folding rules: the BD 15 provides you with unerringly accurate information every time and enables you to calculate your exact requirements as well as the exact amount of materials, for example paint, parquet or tiles, that you will need.

Yet despite a variety of valuable features and useful functions, the BD15 is incredibly easy to use with a single key for each individual function.

And because the large multi-line display can be illuminated at the touch of a key, the BD15 can also quite comfortably be used in dark rooms or in daylight.

Although originally designed and intended for indoor use, the BD15 is able to cope admirably well with the rough and tough conditions found on building sites, for example, and because it is IP54-rated (dust and splashproof) it is equally well-suited for numerous different trades and applications.

Technical data	BD15 Distance Meter
Article no.	3.510.205.150
Measuring accuracy type*	±1.5 mm (±0.06 in)
Range	0.05 to 50 m (0.16 to 164 ft)
Units of measurement	m, in, ft
Functions	Minimum and maximum measurements, non-stop measuring, addition and subtraction, area and volume measurements, indirect measurements using Pythagoras function, illuminated display, auto shut off
Memory recall	20
Protection class	IP54
Power	2 x 1.5 V Typ AAA
Dimensions L x W x H	28 x 48 x 115 mm
Weight incl. batteries	135 g
Scope of delivery	handheld measuring device, batteries, travel pouch, operating instructions
* under good conditions (good target surface, room temperature) up to 10 m (32ft).	

BENEFITS IN PRACTICE:

For fast and accurate distance, area and volume measurements

Pythagoras function for indirect measurements

Illuminated multi-line display – easy to read and also ideal for use in environments with little or poor lighting

Soft touch shortcut keys

Fits snugly into the hand – easy to use

Robust – dust and splashproof (IP54)

Excellent value for money



Planning and survey

BX11 Energy Meter

Energy cost cutting made easy...

BENEFITS IN PRACTICE:

- Quick and easy method to measure energy consumption
- Power consumption display in either watts or euros and cents
- Real-time recording via integrated digital clock and calendar function
- Memory function for two programmable electricity tariffs, for example night and day tariffs
- Recording mode for long-term measuring
- Excellent value for money



This energy measuring meter does more than only unmask the hidden power gobblers in your home or at the office quickly and easily. The BX11 is also a miniature energy cost measuring station and it's child's play to operate.

Simply connect the meter between the socket and the household appliance in question and the energy cost meter shows you the exact power consumption in either watts or euros and cents.

Practical feature: In order for you to be able to calculate your costs as effectively as possible, the meter is equipped with a memory function that allows you to enter up to two individual electricity tariffs – for example one for day and one for night. The integrated digital clock ensures that the power your appliances consume is monitored and recorded according to the tariff and the time of day.

A worthy solution to the problem, says the German TÜV, the National Safety Inspection Agency: it certified that the meter has been safety tested and given the BX11 its seal of approval!

Technical data	BX11 Energy Meter
Article no.	3.510.205.920
Measuring range	2 - 3,680 W
Maximum performance	3,680 W / 16 A
Input voltage	230 V, AC / 50 / 60 Hz
Consumption measurement	0.1 – 999.9 kWh
Recording capacity	999.9 hrs
Functions	integrated digital clock with calendar function, two programmable power tariffs, power consumption in watts or euros and cents; recording mode for long-term measurements
Surrounding conditions	+5 to +40 °C
Scope of supply	Meter, operating instructions

The recording mode provides a big advantage for home-builders and small businesses who monitor costs and consumption closely:

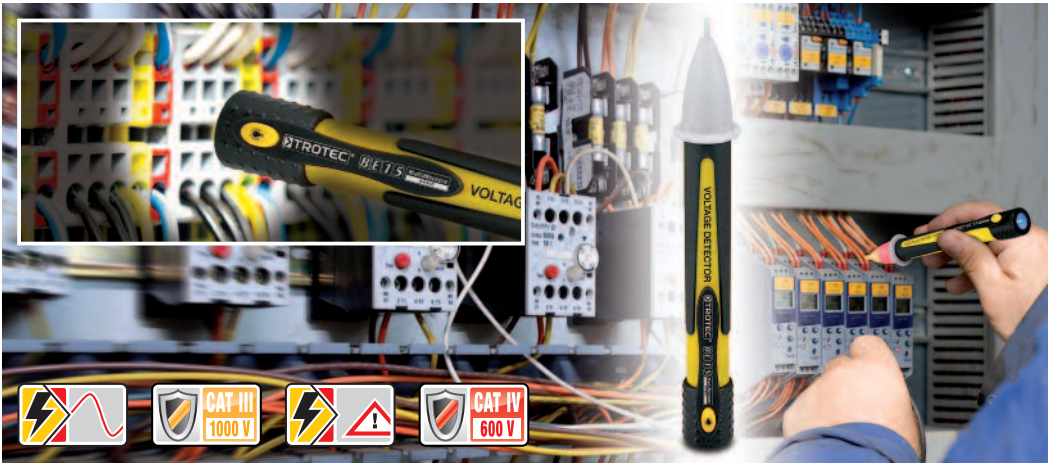
The meter can log the power consumption of individual electrical appliances non-stop over a period of 40 days, for example when these particular appliances are being used by third parties. At the same time, the BX11 records the exact length of time during which the appliances are switched in on and saves all the data in the internal EEPROM, even when there's been a power cut.



Electricity

BE15 Voltage Detector

Quick, contact-free voltage detection



The BE15 is a contact-free voltage tester which allows the user to not only detect broken wires and leads in open cables, for example in cable drums or fairy lights, but also check all voltage carrying conductors like sockets, switches or cable connectors.

The capacitive measuring method allows contact-free voltage measuring to be carried out quickly and easily.

The red LED glow lamp starts to pulsate as soon as the measuring tip detects voltage in the localisation area and this is accompanied by an acoustic alarm.

Practical detail: There is a high-performance LED flashlight built into the side where the clip is on the BE15 which allows the user to illuminate the measuring point as best as possible.

The BE15 should by all means become a standard piece of equipment for testing voltage carrying conductors both at home and at the workplace when work is to be carried out on such installations.

Technical data	BE15 Voltage Detector
Article no.	3.510.205.215
Measuring circuit category	CAT III 1000 V / CAT IV 600 V
Measuring range UAC	200 to 1,000 V
Micro-environment	Pollution degree 2
Testing method	unipolar, contact-free
Voltage display	LED
Functions	Optic and acoustic flow display, built-in flashlight to illuminate the point of measurement
Safety	EN 61326, EN 61010-1, EN 61010-02-031
Power supply	2 x 1.5 V, IEC LR03
Dimensions	176 x 26 x 26 mm
Weight	48 g
Scope of supply	Meter, batteries, operating instructions

BENEFITS IN PRACTICE:

Quick and contact-free detection of AC voltage

Optic and acoustic alarm in case of voltage

Compact pen-design with pocket clip

Built-in flashlight

Excellent value for money

BE15

MultiMeasure
BASIC

Electricity

BE20 Voltage Tester

Versatile voltage detector with professional features

BENEFITS IN PRACTICE:

Versatile, bipolar voltage detector for measuring AC/DC, polarity and rotary field

Optic and acoustic flow check

Voltage display also in case of empty batteries

Unipolar phase testing without opposite potential

Automatic power off

Built-in flashlight to light up measuring area

Excellent value for money

Automatic functional test

Shock, dust and splashproof housing



Built and tested in compliance with stringent norms; equipped with a host of professional features; IP64 protected and therefore especially well-suited to meet the rigorous demands of day-to-day use – the list goes on, showing that this bipolar voltage tester is the ideal tool for electricians and ambitious handy-men alike.

The BE20 allows you to carry out voltage testing, optical and acoustic flow testing, bipolar rotary field testing and unipolar phase testing.

Despite such a variety of features, the BE20 is still very compact and quick and easy to use. Its ergonomic design and low weight mean that it sits nicely in the hand and there's also a nice, little extra safety feature – a handy, built-in flashlight which can be switched on to light up the measuring area when work is to be carried out in the dark.

Technical data	BE20 Voltage Tester
Article no.	3.510.205.230
Display	LED
AC/DC	automatic detection
Testing method	bipolar contact measurement
Measuring range	U_{DC} 12 to 690 V, U_{AC} 12 to 400 V
Measuring circuit category	CAT III 600 V
Internal resistance	200 k Ω
Functions	Optic and acoustic flow display, polarity testing, rotary field indicator, option for unipolar phase testing, automatic power-off, built-in flashlight for measuring point illumination
Safety	EN 61326, EN 61010-1, EN 61010-02-031
Insulation	Protection Class II, double insulation
Type of protection	IP64
Power supply	2 x 1.5 V, IEC LR03
Dimensions	240 x 78 x 40 mm
Weight	237 g
Scope of supply	Meter, batteries, operating instructions

BE20

MultiMeasure
BASIC

Electricity

BE50 Digital Multimeter

Fully-equipped multifunctional measuring device



The BE50 is a digital multimeter like you've always wanted: it is widely suitable for a whole host of applications which are not only restricted to the testing of electrical appliances.

There are eleven different functions including an automatic range section, temperature measurement with Type K sensors, a hold function and a backlit display, making the BE50 digital multimeter ideal for use both in the commercial and semi-professional sector.

These fully equipped, IP67 protected, practice-oriented tools provide a more than convincing performance and excel through their high quality finish and their functional and sturdy design.

The meter and the measuring leads are doubly insulated and in compliance with Protection Class II. In addition, the BE50 digital multimeter is not only watertight, but also absolutely shock and dustproof making it excellently suited to cope with the rugged and demanding conditions of day-to-day life!

Technical data	BE50 Digital Multimeter
Article no.	3.510.205.250
Display	LCD with four-figure display
Measuring range (accuracy)	Voltage 0.1 mV to 1000 V ($U_{DC} \pm 1.2 \%$, $U_{AC} \pm 2 \%$)
	Electricity 100 nA to 10 A ($DC \pm 1.5 \%$, $AC \pm 2.5 \%$)
	Capacity 10 pF to 100 μ F ($\pm 3 \%$)
	Resistance 0.1 Ω to 10 M Ω ($\pm 1.2 \%$)
	Frequency 1 mHz to 10 MHz ($\pm 1.2 \%$)
	Temperature -20 $^{\circ}$ C to +760 $^{\circ}$ C ($\pm 3 \%$)
	Duty cycle 0.1 % to 99.9 % ($\pm 1.2 \%$)
Functions	For measuring voltage, electricity, resistance, frequency, contact temperature, duty cycle; flow test, diode test, automatic range selection, hold function, illuminated display, automatic battery test, auto power off
Measuring circuit category	CAT III 1000 V / CAT IV 600 V
Safety	EN 61326, EN 61010-1, EN 61010-02-031
Insulation	Protection Class II
Type of protection	IP67
Dimensions / Weight	182 x 82 x 55 mm / 320 g
Scope of supply	Meter, a pair of measuring leads, Type K contact sensor, battery, operating instructions

BENEFITS IN PRACTICE:

Digital multifunctional measuring device with eleven measuring functions

Extremely robust and powerful

Automatic range selection

CAT III 1000 V / CAT IV 600 V

Shockproof housing

IP67 dustproof protected and watertight

Insulation Protection Class II for meter and measuring leads

Temperature measurement with Type K contact sensor

Hold function

Backlit display

Excellent value for money



Electricity

B020 Video Inspector

For quick visual inspections

BENEFITS IN PRACTICE:

Ready to use – just switch on and off you go

Robust videoscope probe with fixfocus lens and waterproof camera head (IP67 rated)

Powerful quad-LED with intensity control

4 x 90° image inverter function

Flexible swan neck probe – retains its shape

Mobile, power-source independent operation

Auto shut off

Includes side-view mirror, hook and magnet attachment

Excellent value for money

Selection of changeable probes available as accessories



The B020 is an all-purpose, easy-to-use video inspection system designed for quick visual endoscopic inspections of cavities or hard-to-reach areas.

The video inspector is equipped waterproof colour camera with adjustable illumination which is housed in the tip of the flexible swan-neck probe.

The powerful quad-level LED illumination ensures ideal lighting conditions and brilliantly illuminated inspection images which are then displayed as crisp and clear pictures on the colour LCD.

The inspection results can also be observed on an external monitor via the video output while the visual inspection is actually taking place.

And thanks to the 4 x 90° picture inverter function you don't have to stand on your head to understand the inspection images. The pictures are nearly always the right way up on the display of your B020 or your external monitor.

Technical data	B020 Video Inspector
Article number	3.510.009.120
Probe	ø 17 mm / length 1,000 mm
Focussing range	50 - 150 mm
Type of illumination	quad-LED
Display (resolution)	3-inch LCD (320 x 240 pixels)
Functions	Illumination control, 4 x 90° picture inverter, auto shut off
Interface	Video-Out (composite video)
Power	3.7 V Li-Io battery; rechargeable via USB-port (type mini 5-pin)
Weight	580 g
Scope of delivery	Handheld measuring device incl. rechargeable battery, side-view mirror, hook and magnet attachment, USB cable, battery charger, carry case, operating instructions



Practical detail:

There is a selection of very useful tools with which you can carry out even more applications with your B020 or B025 included in the scope of delivery. These tools can be used, for example, to transform your device into a piece of recovery equipment to salvage loose parts or to take samples from an area if they are needed.

B020

MultiMeasure
BASIC

Optical inspection systems

B025 Mini Videoscope

Quick and easy endoscopic photo and video documentation



The B025 enables you to carry out visual inspections in places which are otherwise virtually inaccessible or extremely difficult to reach and allows you to document and save the inspection results not only as a photo but also as a video which you can watch at will on an external monitor or transfer to your PC for further processing.

And because the B025 is equipped with a 180° image inverter, a side-view mirror which is also included in the scope of accessories and quad LEDs with adjustable illumination, the B025 video inspection system is able to provide you with diagnostically conclusive images and video sequences.

Yet although the B025 is exceptionally versatile it is still extremely easy to use:

And thanks to a multi-language on-screen menu combined with a selection of intelligent preset parameters and values like lighting and focusing which are already integrated into the CMOS sensor the B025 is also intuitive to use.

Technical data	B025 Mini Videoscope
Article number	3.510.091.125
Probe	ø 17 mm / length 1,000 mm
Focussing range	50 - 150 mm
Type of Illumination	quad-LED
Display (resolution)	3.2-inch LCD (320 x 240 pixels)
Image repetition frequency	30 fps (frames per second)
Functions	Video recording and photo images, photo memory with time and date, brightness control, multi-language on-screen menu, 180° image inverter, auto shut off
Resolution photo / video	320 x 240 pixels / 320 x 240 pixels
File format photo / video	JPEG / MPEG4, AVI, 3GP
Video norm	NTSC / PAL
Interface	USB (type mini 5-pin), Video-Out (composite video)
Memory	internal: 128 MB Flash; external: slot for SD memory card
Power	3.7 V Li-Io battery; rechargeable
Weight	580 g

Scope of delivery

Handheld measuring device incl. rechargeable battery, side-view mirror, hook and magnet attachment, USB cable, battery charger, carry case, operating instructions

BENEFITS IN PRACTICE:

Light, compact, easy-to-use with semi-flexible swan neck probe

Memory function for individual images and video sequences

Robust videoscope probe with fix-focus lens and waterproof camera head (IP67 rated)

3.2-inch LCD colour display

Powerful quad-LED with intensity control

Intuitive menu navigation thanks to multi-language on-screen menu

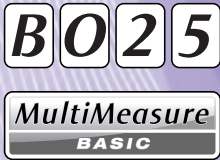
180° image inverter function

Auto shut off

Includes side-view mirror, hook and magnet attachment

Excellent value for money

Selection of changeable probes available as accessories



Optical inspection systems



MultiMeasure is our pledge to you to provide you with the best high-quality, fully-equipped measuring device at a price you would expect to pay for far less.

Determining the value you need quickly and easily; carrying out intermediate on-the-job measuring, function or quality control checks. Such measuring techniques, aided by suitable measuring equipment, are common practice in the home and many commercial fields nowadays.

The unwavering target of the MultiMeasure Basic series is to provide you with the best measuring equipment for your particular field of application.

The series comprises a variety of basic handheld measuring devices that have been optimized for semi-professional use and which offer the user the low cost opportunity to get started in the MultiMeasure series.

MultiMeasure offers a multitude of possibilities and the ideal branded measuring device for each and every application!

MultiMeasure
BASIC



Trotec GmbH & Co. KG
Grebbener Str. 7 · D-52525 Heinsberg
Tel. +49 2452 962-400 · Fax +49 2452 962-200
info@trotec.com · www.trotec.com

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