

MultiHandy 2020

Channels	3
Analog sensors	2
Measuring value memory	100 kB

... entry into professional Measuring Technology

At the MultiHandy 2020 everything is focussed on easy operation and high usability. Each measuring set has everything you need for an immediate measuring success. Connect sensors – switch device on – read measured values.



Everything included



The measuring case contains everything you need for a quick measuring success.

Everything provided



Sensor connectors USB interface and power pack jack clearly arranged.

Simply good



You only need for keys for the complete operation.

So easy – so good



The MultiHandy 2020 can be used comfortably with a weight of less than 300 g.

Technical data

Channels

Analog channels standard signals	2 (with Hydrotechnik ISDS)
signals	0/4 ... 20mA
A/D converter	12 bit
measuring rate	1 kHz
error limit	± 0.2% FS
electrical connection	6-pole jack, compatible to DIN 45 322, IEC 60130-9
Special channels	1
calculations	difference

Measuring value memory

Type	Flash 128 kB
Max. number of measuring series	1
Max. number of values per series	60,000
Recording rate	1 ms / 10 ms / 100 ms / 1 s / 10 s
Recording time (at recording rrate 10 ms)	300 s (2 channels); 600 s (1 channel)

Equipment and features

Display	2.5" sw-LCD, illuminated
Interface	USB 2.0 VART (virtual COM interface)
Power supply	Power pack (6 VDC / 850 mA), Batteries (NiMH / 2x AA / 2.4 V / 2,500 mAh)
battery performance ¹	10 h
Sensor power supply	12 V, 100 mA
Casing	ABS plastic
Dimensions (L x W x H)	~ 185 x 90 x 46 mm
Weight	~ 292 g
Protection type	IP 40
Operation temperature	0 ... 60 °C
Storage temperature	-20 ... +70 °C
Relative humidity	0 ... 80% r.H. (not condensing)
Vibrational stability, sine	0.05 grms, 5 ... 500 Hz, 6 axes (IEC 60068-2-64: 1994)
Shock stability	half-sine, 150 g, 11 ms, 100 shocks in 6 directions (IEC 60068-2-27: 1996-03)

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Range of delivery and Order numbers

Measuring sets

- 1: with attached cable, length 2.5 m
 2: measuring range can be selected freely;
 see order data of pressure sensor
 HySense® PR 100

	Power pack with adaptors	Minimess® 1620 direct connector	Pressure sensor HySense® PR 102 ¹	Transport case, plastic	
MultiHandy 2020	–	–	–	–	as measuring set, only
2020D-pp	•	••	••	•	2020D-pp-xx ² -xx ²

More usability

PC software

Task	Recom. software	Delivery	Order number
Firmware update	– ²	–	–
Instrument remote configuration	–	no	–
Instrument remote operation	–	no	–
Execute online measurements	HYDROcom	yes ¹	8874-13-01.02
Download measurement data			
Evaluate and present measurement data			
Program measurement procedures	–	no	–
Execute measurement procedures	–	no	–

- 1: HYDROcom Base
 2: please contact Hydrotechnik customer support

Accessories

Power pack	100 ... 240 VAC, 50/60 Hz – 6 VDC/850 mA	8812-00-00.33
Car power supply	12 VDC – 6 VDC; cable length 4.0 m	8812-09-04.00
Batteries	2x AA, 1.2 V	8873-02-00.08
Transport case	Plastic, red	3160-00-69.01
USB cable	USB-A / USB-B: cable length 2.0 m	8824-F4-02.00
Calibration	single or as measuring chain	3199-12-00.11
Service packages	Basic	3199-30-00.01
	Plus	3199-30-01.01
	Professional	3199-30-02.01

Further accessories (cable, Minimess® products, a.s.o.) in the section „Accessories“