

Micromar. Micrometer

► | The new digital water proof Micrometer **Micromar 40 EW**. Even in the most difficult conditions precise and reliable results are obtained. | ◀



Water proof measuring system according to Protection class **IP65**



Code Initial	IP	International Protection
First Numeral	6	Staubdicht
Second Numeral	5	Protected against powerful water jets

DIN 863-1

Highly precise measuring system, Patent pending

Ratchet is integrated in the thimble to enable one handed operation

Large display with 8.5 mm high digits

ABS

Absolute-Function: Micrometer can be set in any position to 0.000 mm / .0000" without the reference to the Preset value being lost

Universal Data-Interface



• **USB**
No interface box is required! Simple and inexpensive way to set up a multiple measuring instruments via a USB hub



• **Digimatic**
Connect a Digimatic compatible evaluation instrument



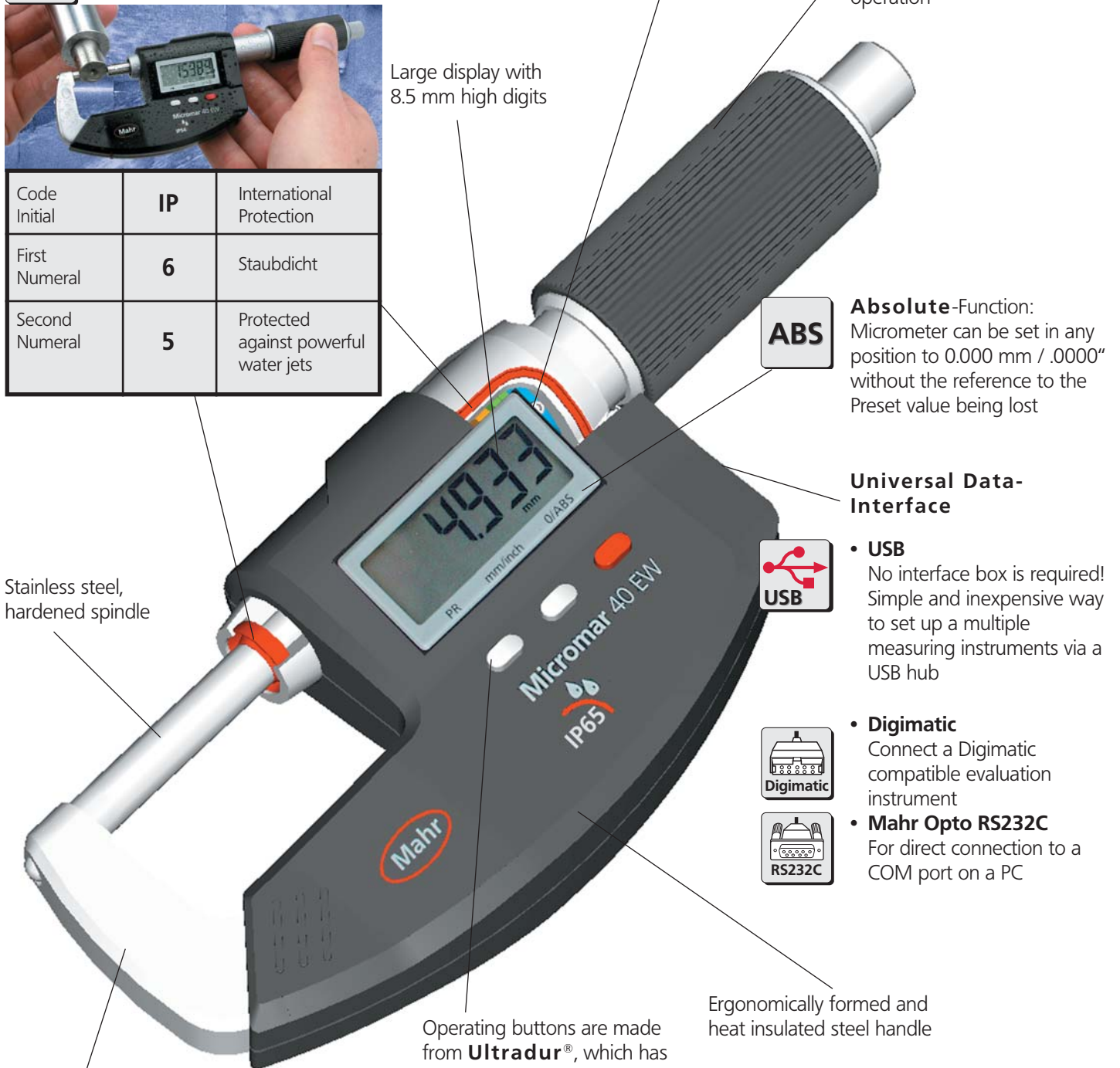
• **Mahr Opto RS232C**
For direct connection to a COM port on a PC

Stainless steel, hardened spindle

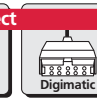
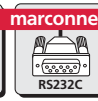
Sturdy satin chrome steel frame

Operating buttons are made from **Ultradur**®, which has an excellent chemical resistance

Ergonomically formed and heat insulated steel handle



Digital Micrometer 40 EW



Features

Functions:

RESET (Zero setting the display for Relative measurement)
 ABS (Switching between Relative and Absolute measurement)
 mm/inch
 PRESET (Reference setting)

DATA (Data transmission via connection cable)

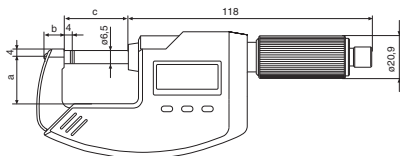
- Patented, capacitive measuring system, life of battery ca. 2 years
- MarConnect data output, choose alternatively USB
 OPTO RS232C
 Digimatic

- High contrast Liquid Crystal Display with 8.5 mm high digits
- Stain chrome steel frame, heat insulated
- Spindle and anvil are carbide tipped
- Spindle is made of stainless steel, hardened throughout and ground

- Ratchet is integrated in the thimble
- Rapid drive
- Supplied with: Case, battery, operating instructions and setting standard (from measuring range 25-50 mm)

Technical Data

	Measuring range		Resolution	Error limit G	Spindle thread pitch	Data output	Order no.
	mm	(inch)					
40 EW	0 - 25	(0 - 1")	0.001 / .00005"	4	0.635	—	4151700
40 EW	0 - 25	(0 - 1")	0.001 / .00005"	4	0.635	●	4151713
40 EW	25 - 50	(1 - 2")	0.001 / .00005"	4	0.635	●	4151701
40 EW	50 - 75	(2 - 3")	0.001 / .00005"	5	0.635	●	4151702
40 EW	75 - 100	(3 - 4")	0.001 / .00005"	5	0.635	●	4151703



Dimensions

mm	a	b	c
0 - 25 mm / 0-1"	23	9.5	31.5
25 - 50 mm / 1-2"	32	11.5	57
50 - 75 mm / 2-3"	44	13.5	82
75 - 100 mm / 3-4"	57	15.5	107

Accessories

	Order no.
Battery 3V , type CR 2032	4102520
Data Connection Cable USB (2 m)	16 EXu 4102357
Data Connection Cable Opto RS232C (2 m), with SUB-D jack 9-pin	16 EXr 4102410
Data Connection Cable Digimatic (2 m), Flat plug 10-pin	16 EXd 4102411

Accessories for Data Processing see our main Catalog, see Chapter 11

Digital Micrometer Set 40 EW

Application range	Order no	Remarks
0 - 100 mm	4151712	Includes: wooden case, setting standards 25 mm, 50 mm and 75 mm

