MarCal 18 EWR-V

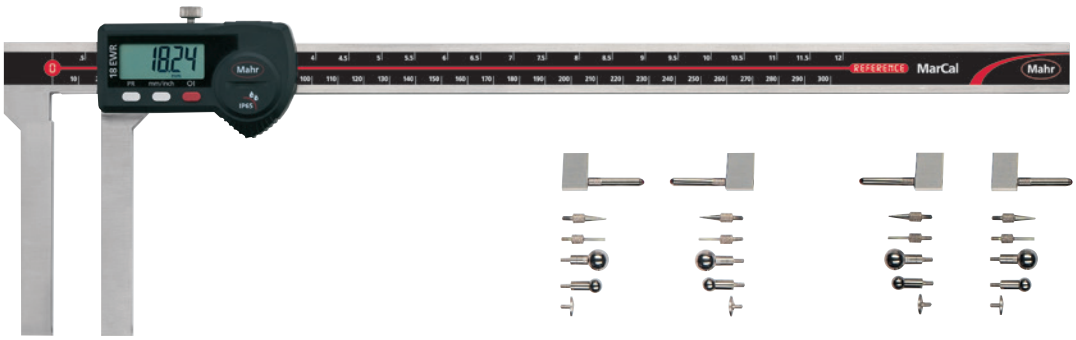
Digital Universal Caliper

FUNCTIONS

- ON/OFF
- AUTO-ON / OFF
- RESET (set display to zero)
- PRESET
  (for entering a numerical value)
- mm/inch
- LOCK function (key lock)
- DATA (data transmission via connection cable)

FEATURES

- High contrast analog display
- Locking screw above
- Immediate measurements due to the Reference System
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide
- Slide and beam made of hardened stainless steel
- Measuring faces for outside measurement
- Thread M2.5 measuring jaws to accommodate measuring anvils for internal and external measurements
- SoftwareMarCom Professional free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)
- **Digit height:** 10 mm (300 mm), 12.5 mm (500mm)
- **Data interface:** USB, Opto RS232C, Digimatic, wireless
- **Energy supply:** Battery life approx. 3 years
- **IP protection category:** IP 65
- **Package contains:** battery, case, instruction manual, anvils



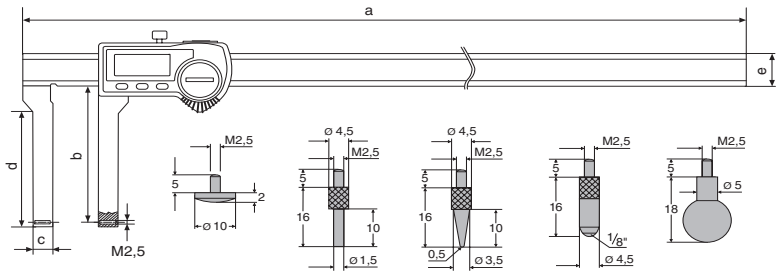
Application:

- For inner and outer measurements of recesses, grooves, etc.
- Individual adjustment by means of measuring anvils with M2.5 thread

TECHNICAL DATA

Order no.	Type	Measuring range	Measuring range inch	Numerical increment	Error limit	Error limit inches (text)	Standard
		mm	inch	mm/inch	mm	inch	
4112722	18 EWR-V	0 –300	0 –12″	0.01 / .0005″	0.06	.0025″	Factory standard
4112723	18 EWR-V	0 –500	0 –20″	0.01 / .0005″	0.08	.003″	Factory standard

Order no.	a	b	c	d	e
	mm	mm	mm	mm	mm
4112722	410	90	12	75.5	20
4112723	680	100	16	81	25



ACCESSORIES

Order no.	Product name	Quantity unit	Type
4102230	Receiver		e-Stick
4102231	Transmitter for e-Stick		16 EWe
4102357	16 EXu data connection cable USB (2 m)		16 EXu
4102410	Data connection cable RS232C (2 m)		16 EXr
4102520	Battery 3 V, CR 2032		
4102915	Digimatic data cable (2 m)		16 EWd
4112050	Replacement measuring anvil: Spherical plate Ø 10.0 mm	Piece	
4112051	Replacement measuring anvil: Cylindrical stylus Ø 1.5 mm x 10 mm	Piece	
4112052	Replacement measuring anvil: Tip, radius 0.5 mm x 10 mm	Piece	
4112053	Replacement measuring anvil: Sphere diameter 1/8″ length 16 mm	Piece	
4112054	Replacement measuring anvil: Ball dia. 7.0 mm	Piece	
4112055	Replacement measuring anvil: Sphere Ø 10.0 mm	Piece	

16 EWe

e-Stick