Universal Digital Caliper MarCal 16 EWV in set

IP67 · MarConnect · USB · RS232C · Digimatic · DIN 862

Applications

- The 16 EWV can also be used as a standard caliper (4 types of measurement).

  When used in conjunction with the standard accessories; it is possible to measure recesses, grooves, etc.

  In conjunction with the additional accessories; threads, bores, serrations, etc. can be measured.

Features

Functions:
ON/OFF
RESET (Set display to zero)
mm/inch
Reference-Lock/Unlock
DATA (Data transmission via connection cable)
Auto-ON/OFF

- Immediate measurement due to the Reference system

- Excellent resistance against dust, coolants and lubricants, protection class IP67

- MarConnect data output, choose alternatively: USB, OPTO RS232C or Digimatic

- Dirt wipers are integrated in the slide

- Life of the battery up to 3 years

- Max measuring speed 2.5 m/s (100"/s)

- High contrast LCD with 8.5 mm high digits

- Lapped guide way

- Slide and beam made of hardened stainless steel

- Measuring blades for inside measurement

- Step measuring function

- Locking screw

- Supplied with: Case, battery, operating instructions

Technical Data

Measuring range* mm (inch)	Resolution mm / inch	Error limit G mm/inch	Order no.
200 (8")	0.01 /.0005"	0.03/ .001"	**4118807****
200 (8")	0.01 /.0005"	0.03/ .001"	**4118808*****

* in conjunction with accessories the measuring range may change   ** includes standard accessories   *** excludes standard accessories
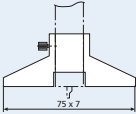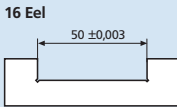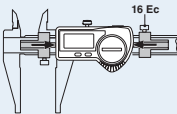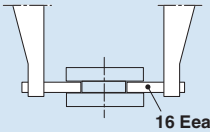
Accessories
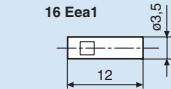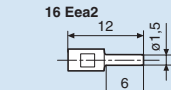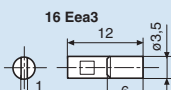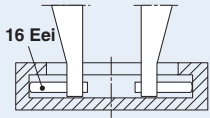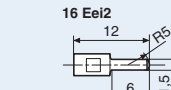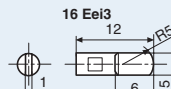
		Order no.
Battery 3V, Type CR 2032		4102520
Data Connection Cable USB (2 m)	16 EXu	4102357
Data Connection Cable Opto RS232C (2 m), with SUB-D jack 9-pin	16 EXr	4102410
Data Connection Cable Digimatic (2 m), Flat plug 10-pin	16 EXd	4102411

Accessories for Data Processing see Chapter 11

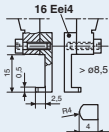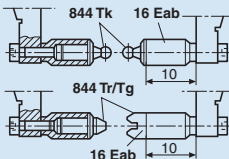
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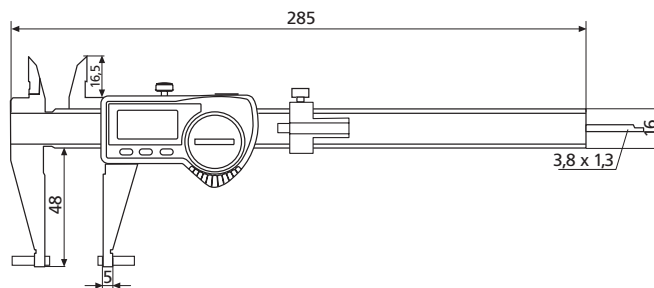
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Standard Accessories are included in the set

Catalog no.	Description	Order no.	Required quantity		Remarks
16 Em	Depth Measuring Bridge	**4102020**	1		
16 Eel	Setting Gage for inside measurement	**4118817**	1		
16 Ec	Measuring Force Device	**4118818**	1		
16 Eea 1	Anvils for outside measurements	**4118810**	2		up to dia. 175 mm
16 Eea 2	Anvils for outside measurements	**4118811**	2		up to dia. 175 mm
16 Eea 3	Anvils for outside measurements	**4118812**	2		up to dia. 175 mm
16 Eei 1	Anvils for inside measurement	**4118813**	2		from dia. 27 mm
16 Eei 2	Anvils for inside measurement	**4118814**	2		from dia. 39 mm
16 Eei 3	Anvils for inside measurement	**4118815**	2		from dia. 39 mm
	Screws M2 x 8	**4879602**	2		

Additional Accessories

Catalog no.	Description	Order no.	Required quantity		Remarks
16 Eei 4	Anvils for inside measurement	**4118816**	2		from dia. 8.5 mm
16 Eab	Mounting Attachment for 844Tg/Tr and 844 Tk	**4118819**	2		
844 Tk	Ball Anvils		2		see Page 10-10
844 Tg/Tr	Thread Anvils		1 + 1		see Page 10-12/10-14