
































TESA MICROMASTER Electronic Micrometers with Digital Display

With patented TESA CAPA μ SYSTEM.

- Measuring span of 30 mm.
- Large easy-to-read digital display.
- Models:
 - EASY IP40 with a single function key.
 - IP54 with water spray protection as well as IP54 RS with an RS232 interface.



-  +
-  DIN 863 T1
-  0,001 mm / 0,00005 in
-  LCD, digit height: 7 mm
-  Floating zero
-  Conversion mm/in
-  Tungsten carbide tipped
-  3V lithium battery
-  1 to 2 a (\approx 2000 h/a)
-  Automatic shut-down after 10 min. Display setting is maintained as long as power supply remains stable.
-  -10°C to 60°C
-  10°C to 40°C
-  80 %, noncondensing
-  Protection as per IEC 60529: IP40 (also valid with used RS data output) or IP54
-  CE
-  Plastic case
-  Measuring range 0 to 100: with SCS calibration certificate
-  Measuring range $>$ 100 mm : with inspection report and declaration of conformity
-  Identification number
-  Display lock (except for model EASY)
-  RS232 interface, opto-coupled
-  0,5 mm
-  Max. 10 N
-  \leq 100 mm: \varnothing 6,5 mm
 $>$ 100 mm: \varnothing 8 mm



No	 mm	 mm	 in	 in	 IP40	 IP54	 RS232
06030010	0 \div 30	0 \div 30	0 \div 1.2	0 \div 1.2	IP40	-	-
06030020	0 \div 30	0 \div 30	0 \div 1.2	0 \div 1.2	IP54	-	-
06030021	25 \div 50	23 \div 53	1 \div 2	0.9 \div 2.1	IP54	-	-
06030022	50 \div 75	48 \div 78	2 \div 3	1.9 \div 3.1	IP54	-	-
06030023	75 \div 100	74 \div 104	3 \div 4	2.9 \div 4.1	IP54	-	-
06030030	0 \div 30	0 \div 30	0 \div 1.2	0 \div 1.2	IP54	RS232	RS232
06030031	25 \div 50	23 \div 53	1 \div 2	0.9 \div 2.1	IP54	RS232	RS232
06030032	50 \div 75	48 \div 78	2 \div 3	1.9 \div 3.1	IP54	RS232	RS232
06030033	75 \div 100	74 \div 104	3 \div 4	2.9 \div 4.1	IP54	RS232	RS232
06030071	100 \div 125	98 \div 127	4 \div 5	3.9 \div 5.01	IP54	RS232	RS232
06030072	125 \div 150	123 \div 152	5 \div 6	4.9 \div 6.01	IP54	RS232	RS232
06030073	150 \div 175	149 \div 178	6 \div 7	5.9 \div 7.01	IP54	RS232	RS232
06030074	175 \div 200	174 \div 203	7 \div 8	6.9 \div 8.01	IP54	RS232	RS232
06030075	200 \div 225	199 \div 229	8 \div 9	7.9 \div 9.01	IP54	RS232	RS232
06030076	225 \div 250	224 \div 254	9 \div 10	8.9 \div 10.01	IP54	RS232	RS232
06030077	250 \div 275	250 \div 279	10 \div 11	9.9 \div 11.01	IP54	RS232	RS232
06030078	275 \div 300	275 \div 304	11 \div 12	10.9 \div 12.01	IP54	RS232	RS232

OPTIONAL ACCESSORIES:

01961000	Lithium battery, 3V, CR2032
00160201	TESA micrometer stand with clamp aperture 16 mm
072110123	ETALON micrometer stand with clamp aperture 20 mm
04761062	Opto-USB cable, duplex, bidirectional communication

MICROMASTER IP54 SET

Set consisting of 3 Micromaster external micrometers covering 0 \div 75 mm measuring range.

No	 =	
06030029	Set of 3 MICROMASTER IP54 with RS232 output	0 \div 75



CONSISTING OF:

- 06030030 MICROMASTER RS IP54 digital micrometer, 0 \div 30 mm, 0,001 mm resolution, IP54 rating and RS232 output.
- 06030031 MICROMASTER RS IP54 digital micrometer, 25 \div 50 mm, 0,001 mm resolution, IP54 rating and RS232 output.
- 06030032 MICROMASTER RS IP54 digital micrometer, 50 \div 75 mm, 0,001 mm resolution, IP54 rating and RS232 output.
- 02119021 Etalon setting standard, 50 mm

