



DIN 863 T1

0,001 mm
0.00005 inMetric/Inch
conversionTungsten carbide
tipped≤100 mm:
Ø 6,5 mm
> 100 mm:
Ø 8 mm

0,5 mm



Max. 10 N

LCD, digit height:
7 mm

Floating zero

Display lock
(except for model
EASY)RS 232
interface,
opto-coupled3V lithium
battery1 to 2 a
(≈ 2000 h/a)Automatic
shut-down after
10 min. Display
setting is maintained as long
as power supply remains
stable

10°C to 40°C



-10°C to 60°C

80%, non-
condensingProtection
as per
CEI 60529):
IP40 (valid also with used
RS output) or IP54

Plastic case

Identification
numberMeasuring range
0 to 100: with
SCS calibration
certificateMeasuring range
over 100 mm:
inspection report
along with a declaration of
conformity

TESA MICROMASTER

Electronic Micrometers with Digital Display



With patented TESA capa μ system

- Measuring span of 30 mm or 25 mm.
- Large easy-to-read digital display
- Models:
 - EASY with a single function key
 - IP54 with water spray protection as well as IP54 RS with added RS 232 interface



mm



mm



in



in



MICROMASTER EASY

06030010	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP40	–
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MICROMASTER IP54

06030020	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP54	–
06030021	25 ÷ 50	23 ÷ 53	1 ÷ 2	0.9 ÷ 2.1	IP54	–
06030022	50 ÷ 75	48 ÷ 78	2 ÷ 3	1.9 ÷ 3.1	IP54	–
06030023	75 ÷ 100	74 ÷ 104	3 ÷ 4	2.9 ÷ 4.1	IP54	–

MICROMASTER IP54 RS

06030030	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP54	RS 232
06030031	25 ÷ 50	23 ÷ 53	1 ÷ 2	0.9 ÷ 2.1	IP54	RS 232
06030032	50 ÷ 75	48 ÷ 78	2 ÷ 3	1.9 ÷ 3.1	IP54	RS 232
06030033	75 ÷ 100	74 ÷ 104	3 ÷ 4	2.9 ÷ 4.1	IP54	RS 232
06030071	100 ÷ 125	98 ÷ 127	4 ÷ 5	3.9 ÷ 5.01	IP54	RS 232
06030072	125 ÷ 150	123 ÷ 152	5 ÷ 6	4.9 ÷ 6.01	IP54	RS 232
06030073	150 ÷ 175	149 ÷ 178	6 ÷ 7	5.9 ÷ 7.01	IP54	RS 232
06030074	175 ÷ 200	174 ÷ 203	7 ÷ 8	6.9 ÷ 8.01	IP54	RS 232
06030075	200 ÷ 225	199 ÷ 229	8 ÷ 9	7.9 ÷ 9.01	IP54	RS 232
06030076	225 ÷ 250	224 ÷ 254	9 ÷ 10	8.9 ÷ 10.01	IP54	RS 232
06030077	250 ÷ 275	250 ÷ 279	10 ÷ 11	9.9 ÷ 11.01	IP54	RS 232
06030078	275 ÷ 300	275 ÷ 304	11 ÷ 12	10.9 ÷ 12.01	IP54	RS 232

MICROMASTER Set



06030029	Micromaster Set IP54 RS	0 ÷ 75
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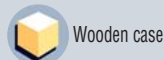
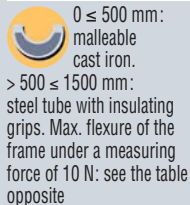
Consisting of:



06030030	Micromaster IP54, RS	0 ÷ 30	IP54	RS232
06030031	Micromaster IP54, RS	25 ÷ 50	IP54	RS232
06030032	Micromaster IP54, RS	50 ÷ 75	IP54	RS232
02119021	Setting standard, 50 mm			

Optional Accessory

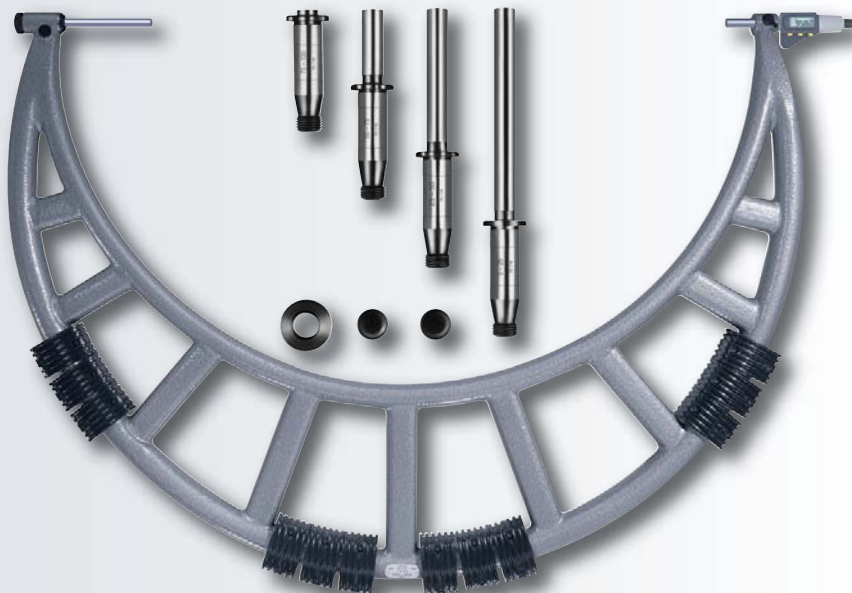
01961000	1 Lithium battery, 3 V, 190 mAh, type CR 2032 – Connecting cables etc., see chapter N.
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MICROMASTER

with interchangeable Anvils

All sets include 4 interchangeable anvils with increasing length in steps of 25 mm. Anvils are adjusted (and numbered) in sets, thus rendering the correction of the indication unnecessary whenever an anvil is exchanged.



No	 mm	 in	 µm	 µm
06030047	0 ÷ 100	0 ÷ 3.94	6	3
06030048	100 ÷ 200	3.94 ÷ 7.87	7	4,5
06030049	200 ÷ 300	7.87 ÷ 11.81	8	7
06030050	300 ÷ 400	11.81 ÷ 15.75	9	9
06030051	400 ÷ 500	15.75 ÷ 19.69	10	9
06030052	500 ÷ 600	19.69 ÷ 23.62	11	9
06030053	600 ÷ 700	23.62 ÷ 27.56	12	10
06030054	700 ÷ 800	27.56 ÷ 31.50	13	12
06030055	800 ÷ 900	31.50 ÷ 35.43	14	12
06030056	900 ÷ 1000	35.43 ÷ 39.37	15	16
06030057	1000 ÷ 1100	39.37 ÷ 43.31	16	16
06030058	1100 ÷ 1200	43.31 ÷ 47.24	17	17
06030059	1200 ÷ 1300	47.24 ÷ 51.20	18	17
06030060	1300 ÷ 1400	51.20 ÷ 55.12	19	17
06030061	1400 ÷ 1500	55.12 ÷ 59.06	20	18

Dial Gauge Element for MICROMASTER

Can replace the interchangeable anvils on AB series micrometers. Make finding the culmination point easier. Ensures a constant measuring force. Supplied as standard accessory with the ABY series micrometers.



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