



DIN 863 T1

0.001 mm
0.00005 in

Metric/Inch
conversion

Tungsten 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-coupled

3V lithium
battery

1 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-
condensing



Protection
as per
IEC 60529):
IP40 (also valid with used
RS data output) or IP54

Plastic case

Identification
number

Measuring range
0 to 100: with
SCS calibration
certificate

Measuring range
over 100 mm:
inspection report
along with a declaration of
conformity



TESA MICROMASTER

Electronic Micrometers with Digital Display



With patented TESA capa u 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:



mm



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 A.
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