

TESA® MICROMASTER® Electronic Micrometers with Digital Display



With new TESA measuring system «capa μ system», patented.

- 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



DIN 863 T1



0,001 mm
0,00005 in



mm / in
Conversion



Tungsten
carbide tipped



≤ 100 mm:
6,5 mm dia.
> 100 mm: 8 mm dia.



0,5 mm



Max. 10 N



LCD, digit
height: 7 mm



Floating
zero



Display lock
(except for
model EASY)



Interface:
RS 232
opto-coupled



3 V 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%, with no
condensation



Degree
of protection
(IEC 529, DIN 40 050):
IP 40 (also valid using
the RS output) or IP54



Plastic case



Identification
number



Inspection
report with a
declaration of conformity



MICROMASTER® EASY

60.30010	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP40	–
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MICROMASTER® IP54

60.30020	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP54	–
60.30021	25 ÷ 50	23 ÷ 53	1 ÷ 2	0.9 ÷ 2.1	IP54	–
60.30022	50 ÷ 75	48 ÷ 78	2 ÷ 3	1.9 ÷ 3.1	IP54	–
60.30023	75 ÷ 100	74 ÷ 104	3 ÷ 4	2.9 ÷ 4.1	IP54	–

MICROMASTER® IP54 RS

60.30030	0 ÷ 30	0 ÷ 30	0 ÷ 1.2	0 ÷ 1.2	IP54	RS 232
60.30031	25 ÷ 50	23 ÷ 53	1 ÷ 2	0.9 ÷ 2.1	IP54	RS 232
60.30032	50 ÷ 75	48 ÷ 78	2 ÷ 3	1.9 ÷ 3.1	IP54	RS 232
60.30033	75 ÷ 100	74 ÷ 104	3 ÷ 4	2.9 ÷ 4.1	IP54	RS 232
60.30071	100 ÷ 125	98 ÷ 127	4 ÷ 5	3.9 ÷ 5.01	IP54	RS 232
60.30072	125 ÷ 150	123 ÷ 152	5 ÷ 6	4.9 ÷ 6.01	IP54	RS 232
60.30073	150 ÷ 175	149 ÷ 178	6 ÷ 7	5.9 ÷ 7.01	IP54	RS 232
60.30074	175 ÷ 200	174 ÷ 203	7 ÷ 8	6.9 ÷ 8.01	IP54	RS 232
60.30075	200 ÷ 225	199 ÷ 229	8 ÷ 9	7.9 ÷ 9.01	IP54	RS 232
60.30076	225 ÷ 250	224 ÷ 254	9 ÷ 10	8.9 ÷ 10.01	IP54	RS 232
60.30077	250 ÷ 275	250 ÷ 279	10 ÷ 11	9.9 ÷ 11.01	IP54	RS 232
60.30078	275 ÷ 300	275 ÷ 304	11 ÷ 12	10.9 ÷ 12.01	IP54	RS 232

Optional Accessories

19.61000 1 Lithium battery - 3 V, 190 mAh, type CR 2030
For ordering information on connecting cables etc., see section L.