

Displays >>>

MINICOM-M

Compact Electric Micrometers



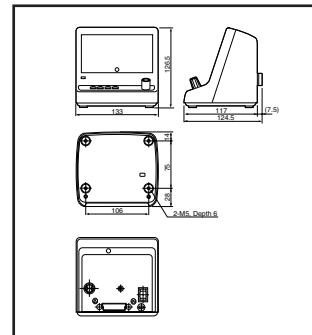
- Air measurements configured with A/E converter
- Detector and stand set make precision measurements possible
- Analog or digital display
- Minimum resolution is 0.1 μm
- Analog output
- Switching between 4 levels

Specifications

Model	E-M5R	E-M30R	E-M43RD
Display	Analog type		Digital type
Full scale (values in parentheses indicate graduation or min. display increment)	A: ± 2.5 (0.1) μm B: ± 10 (0.5) μm C: ± 25 (1) μm D: ± 100 (5) μm	A: ± 15 (0.5) μm B: ± 30 (1) μm C: ± 150 (5) μm D: ± 300 (10) μm	H: ± 199.9 (0.1) μm L: ± 1999 (1) μm
Zero adjust range	15 ± 5 μm	40 ± 10 μm	40 ± 10 μm
Indicator error	A: $\pm 5\%$ or less B~D: $\pm 1.6\%$ or less	A~D: $\pm 1.6\%$ or less	$\pm 0.5\%$ or less
Indicator stability	A: ± 0.1 $\mu\text{m}/\text{h}$	A: ± 0.5 $\mu\text{m}/4\text{h}$	A: ± 1 $\mu\text{m}/8\text{h}$
Analog output	Within: ± 1 V $\pm 5\%$ /full scale (50 mV ripple P-P)		Within: ± 1 V $\pm 5\%$ /full scale (within 30 mV ripple P-P)
Digital output	—		C-MOS (74HC equivalent) BCD parallel output Positive logic
Power source	AC 90 V – 132 V, 180 V – 250 V 50/60 Hz		AC 90 V – 110 V, 50/60 Hz
Power consumption	Approx. 5 VA		
Dimensions/weight	133 (W) \times 177 (D) \times 126.5 (H) mm, approx. 700 g		
Accessories	2m power cord (directly connected), 2m analog output cord, tools		Same as at left, and 1m digital output cable*

* Please specify either BCD output code or printer output code.

Outer Appearance/Dimension Diagram



Product code	Product name	Remarks
0901855	MINICOM E-M5R 100 V	Analog display type MINICOM supports 85 V – 125 V AC input
0901860	MINICOM E-M30R 100 V	Analog display type MINICOM supports 85 V – 125 V AC input
0901865	MINICOM E-M43RD	Analog display type MINICOM supports 90 V – 110 V AC input
0901857	MINICOM E-M5R 200 V	Analog display type MINICOM supports 180 V – 250 V AC input
0901862	MINICOM E-M30R 200 V	Analog display type MINICOM supports 180 V – 250 V AC input
0939130	Statistics printer	Printer for E-M43RD to handle statistics using controller's BCD output
0939133	Connection cable for statistics printer	Interchangeable with MINICOM E-M43RD statistics printer