

# Displays >>>

## MINICOM-M

### Compact Electric Micrometers



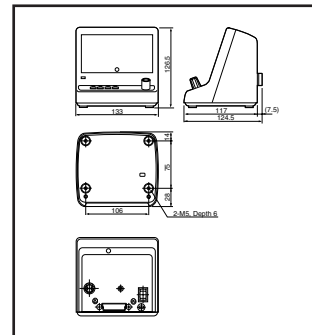
- Air measurements configured with A/E converter
- Detector and stand set make precision measurements possible
- Analog or digital display
- Minimum resolution is 0.1  $\mu\text{m}$
- Analog output
- Switching between 4 levels

#### Specifications

Model	E-M5R	E-M30R	E-M43RD
<b>Display</b>	<b>Analog type</b>		<b>Digital type</b>
Full scale (values in parentheses indicate graduation or min. display increment)	A: $\pm 2.5$ (0.1) $\mu\text{m}$ B: $\pm 10$ (0.5) $\mu\text{m}$ C: $\pm 25$ (1) $\mu\text{m}$ D: $\pm 100$ (5) $\mu\text{m}$	A: $\pm 15$ (0.5) $\mu\text{m}$ B: $\pm 30$ (1) $\mu\text{m}$ C: $\pm 150$ (5) $\mu\text{m}$ D: $\pm 300$ (10) $\mu\text{m}$	H: $\pm 199.9$ (0.1) $\mu\text{m}$ L: $\pm 1999$ (1) $\mu\text{m}$
Zero adjust range	15 $\pm 5$ $\mu\text{m}$	40 $\pm 10$ $\mu\text{m}$	40 $\pm 10$ $\mu\text{m}$
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: $\pm 0.1$ $\mu\text{m}/\text{h}$	A: $\pm 0.5$ $\mu\text{m}/4\text{h}$	A: $\pm 1$ $\mu\text{m}/8\text{h}$
Analog output	Within: $1\text{ V} \pm 5\%$ /full scale (50 mV ripple P-P)	Within: $1\text{ V} \pm 5\%$ /full scale (within 30 mV ripple P-P)	
Digital output	(50 mV ripple P-P)	—	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