

## Product card AX-MS8250



<b>Symbol:</b>	AX-MS8250
<b>Manufacturer:</b>	AXIOMET
<b>Product groups:</b>	Portable digital multimeters

## Product specifications

<b>Type of meter:</b>	digital multimeter
<b>Measurement:</b>	frequency, AC voltage, DC voltage, capacitance, AC current, DC current, resistance, temperature
<b>Measuring instrument features:</b>	<ul style="list-style-type: none"><li>• auto and manual ranging</li><li>• automatic power-off</li><li>• ergonomic enclosure adapted to the palm shape</li><li>• HOLD function</li><li>• REL function</li><li>• indicates incorrect connection of test leads</li><li>• built-in AC voltage detector</li><li>• contactless voltage detector</li><li>• low battery indicator</li></ul>

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<b>Kind of display used:</b>	LCD 3,75 digit (3999) 18mm, with a backlit
<b>Sampling:</b>	3x/s
<b>DC voltage measuring range:</b>	0,1m...400m/4/40/400/1000V
<b>DC voltage measuring accuracy:</b>	$\pm(0,8\% + 3 \text{ digits})$
<b>AC voltage measuring range:</b>	1m...4/40/400/750V
<b>AC voltage measuring accuracy:</b>	$\pm(1\% + 3 \text{ digits})$
<b>Bandwidth for AC voltage measurements:</b>	40Hz...400Hz
<b>DC current measuring range:</b>	1 $\mu$ ...4000 $\mu$ /400m/10A
<b>DC current measuring accuracy:</b>	$\pm(1,2\% + 3 \text{ digits})$
<b>AC current measuring range:</b>	1 $\mu$ ...4000 $\mu$ /400m/10A
<b>AC current measuring accuracy:</b>	$\pm(1,5\% + 5 \text{ digits})$
<b>Bandwidth for AC current measurements:</b>	40Hz...400Hz
<b>Resistance measuring range:</b>	0,1...400/4k/40k/400k/4M/40M $\Omega$
<b>Resistance measuring accuracy:</b>	$\pm(1,2\% + 3 \text{ digits})$

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<b>Capacitance measuring range:</b>	1p...4n/40n/400n/4 $\mu$ /40 $\mu$ /200 $\mu$ F
<b>Capacitance measuring accuracy:</b>	$\pm(3\% + 5 \text{ digits})$
<b>Frequency measuring range:</b>	0,001...10/100/1k/10k/100k/200kHz
<b>Frequency measuring accuracy:</b>	$\pm(0,1\% + 1 \text{ digits})$
<b>Temperature measuring range:</b>	-20...1000 °C
<b>Temperature measurement accuracy:</b>	$\pm(1\% + 3 \text{ digits})$
<b>Temperature measurement resolution:</b>	1 °C
<b>Diode test:</b>	1mA, 1,5V
<b>Continuity test:</b>	acoustic signal for R
<b>Pollution degree:</b>	2
<b>Overall dimensions (W x D x H):</b>	82x29x156 mm
<b>Weight:</b>	220 g
<b>Power supply:</b>	3 batteries 1,5V LR03 (AAA), set without battery
<b>Standard equipment:</b>	test leads
<b>Conform to the norm:</b>	EN61010 1000V CAT II, EN61010 600V CAT III

## Additional information

**Gross weight:** 0.353 kg