

## Product card AX-18B



<b>Symbol:</b>	AX-18B
<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>• electronic protections</li><li>• HOLD function</li><li>• REL function</li><li>• universal</li><li>• low battery indicator</li></ul>
<b>Kind of display used:</b>	LCD (6000) 14mm, with a backlit

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<b>Sampling:</b>	3x/s
<b>DC voltage measuring range:</b>	0,1m...600m/6/60/600/1000V
<b>DC voltage measuring accuracy:</b>	$\pm(0,5\% + 3 \text{ digits})$
<b>AC voltage measuring range:</b>	0,1m...600m/6/60/600/1000V
<b>AC voltage measuring accuracy:</b>	$\pm(1\% + 3 \text{ digits})$
<b>Bandwidth for AC voltage measurements:</b>	40Hz...500Hz
<b>DC current measuring range:</b>	0,1 $\mu$ ...600 $\mu$ /6000 $\mu$ /60m/600m/6/10A
<b>DC current measuring accuracy:</b>	$\pm(1,5\% + 3 \text{ digits})$
<b>AC current measuring range:</b>	0,1 $\mu$ ...600 $\mu$ /6000 $\mu$ /60m/600m/6/10A
<b>AC current measuring accuracy:</b>	$\pm(1,5\% + 3 \text{ digits})$
<b>Bandwidth for AC current measurements:</b>	40Hz...200Hz
<b>Resistance measuring range:</b>	0,1...600/6k/60k/600k/6M/60M $\Omega$
<b>Resistance measuring accuracy:</b>	$\pm(1\% + 2 \text{ digits})$
<b>Capacitance measuring range:</b>	0,01n...60n/600n/6 $\mu$ /60 $\mu$ /300 $\mu$ F

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<b>Capacitance measuring accuracy:</b>	$\pm(3\% + 5 \text{ digits})$
<b>Frequency measuring range:</b>	0,01...100/1k/10k/100k/1MHz
<b>Frequency measuring accuracy:</b>	$\pm(2\% + 3 \text{ digits})$
<b>Temperature measuring range:</b>	-55...1000 °C
<b>Temperature measurement accuracy:</b>	$\pm(2\% + 1^\circ\text{C})$
<b>Duty cycle factor:</b>	0.1...99.9 %
<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>	85x40x180 mm
<b>Weight with battery:</b>	310 g
<b>Power supply:</b>	1 battery 9V 6F22, set without battery
<b>Interface:</b>	USB
<b>Standard equipment:</b>	<ul style="list-style-type: none"><li>• set of test leads for capacitance measurement</li><li>• PC-Link software</li><li>• optical cable with USB</li><li>• test leads</li><li>• drop-like K-type probe with banana clips 4mm</li></ul>
<b>Optional equipment:</b>	AX-P1 soft cover

**Conform to the norm:** EN61010 1000V CAT II, EN61010 600V CAT III

**Kind of output connector:** USB A plug

## **Additional information**

**Gross weight:** 0.573 kg