

AX-176 Digital multimeter; LCD (6600), with a backlit; 3x/s; True RMS

Type of meter:

digital multimeter

Measurement:

frequency, AC voltage, DC voltage, capacitance, AC current, DC current, resistance, temperature, duty cycle

Measuring instrument features:

- auto and manual ranging
- automatic power-off
- HOLD function
- MIN/MAX/REL function
- low battery indicator

Kind of display used: LCD (6600), with a backlit

Sampling: 3x/s

DC voltage measuring range: 0,1m...660m/6,6/66/660/1000V

DC voltage measuring accuracy: $\pm(0,8\% + 5 \text{ digits})$

AC voltage measuring range: 0,1m...660m/6,6/66/660/1000V

AC voltage measuring accuracy: $\pm(1\% + 5 \text{ digits})$

DC current measuring range: 0,1 μ ...660 μ /6600 μ /66m/600m/10A

DC current measuring accuracy: $\pm(1,5\% + 3 \text{ digits})$

AC current measuring range: 0,1 μ ...660 μ /6600 μ /66m/600m/10A

AC current measuring accuracy: $\pm(1,8\% + 8 \text{ digits})$

True effective value measurement: True RMS

Resistance measuring range: 0,1...660/6.6k/66k/660k/6.6M/66M Ω

Resistance measuring accuracy: $\pm(1,2\% + 2 \text{ digits})$

Capacitance measuring range: 1p...6.6n/66n/660n/6.6 μ /66 μ /660 μ /6.6m/66mF

Capacitance measuring accuracy: $\pm(3\% + 3 \text{ digits})$

Frequency measuring range: 0,01...66/660/6,6k/66k/660k/6,6M/66MHz

Frequency measuring accuracy: $\pm(0,1\% + 3 \text{ digits})$

Temperature measuring range: -55...1000 °C

Temperature measurement accuracy: $\pm(2\% + 3^\circ\text{C})$

Duty cycle factor: 1...99 %

Duty cycle factor measurement accuracy: $\pm(2\% + 10 \text{ digits})$

Diode test: 1mA, 2,8V

Continuity test: acoustic signal for $R < 30\Omega$

Operating temperature: 0...40 °C

Pollution degree: 2

Storage temperature: -10...60 °C

Overall dimensions (W x D x H): 90 x 40 x 190 mm

Weight with battery: 500 g

Power supply: 1 battery 9V 6F22, set without battery

Interface: USB

Standard equipment: USB cable

- software
- test leads
- drop-like K-type temperature probe

Conform to the norm:

EN61010 1000V CAT III, EN61010 600V CAT IV

Kind of output connector:

USB A plug