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| **Symbol:** | AX-174 |
| **Product groups:** | Digital Multimeters |

# Product specifications

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| **Type of meter:** | digital multimeter |
| **Measurement:** | AC current, AC voltage, capacitance, DC current, DC voltage, frequency, resistance |
| **Kind of display used:** | LCD |
| **Display parameters:** | (6000) |
| **Sampling:** | 3x/s |
| **DC voltage measuring range:** | 0.1...600mV, 6V, 60V, 600V, 1kV |
| **DC voltage measuring accuracy:** | ±(0.8% + 5 digit) |
| **AC voltage measuring range:** | 0.1...600mV, 6V, 60V, 600V, 1kV |

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| **AC voltage measuring accuracy:** | ±(1% + 3 digit) |
| **DC current measuring range:** | 0.1...600µA, 6mA, 60mA, 600mA, 10A |
| **DC current measuring accuracy:** | ±(1.5% + 3 digit) |
| **AC current measuring range:** | 0.1...600µA, 6mA, 60mA, 600mA, 10A |
| **AC current measuring accuracy:** | ±(1.8% + 8 digit) |
| **True effective value measurement:** | True RMS |
| **Resistance measuring range:** | 100mΩ...600Ω, 6kΩ, 60kΩ, 600kΩ, 6MΩ, 60MΩ |
| **Capacitance measuring range:** | 1pF...6nF, 60nF, 0.6µF, 6µF, 60µF, 600µF, 6mF, 60mF |
| **Capacitance measuring accuracy:** | ±(3%+ 3 digit) |
| **Frequency measuring range:** | 0.001...6kHz, 10kHz |
| **Frequency measuring accuracy:** | ±(0.05%+8 digit) |
| **Resistance measuring accuracy:** | ±(1.2%+2 digit) |
| **Diode test:** | 1mA @2.8V |
| **Continuity test:** | acoustic indication, <30Ω |
| **Operating temperature:** | 0...40°C |

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| **Pollution degree:** | 2 |
| **Storage temperature:** | -10...60°C |
| **Weight with battery:** | 500g |
| **Power supply:** | battery 6F22 9V x1 |
| **Standard equipment:** | test leads |
| **Optional equipment:** | test leads AX-TL-4B1-B, test leads AX-TL-4B1-BL, test leads AX-TL-BNC-4BP2, test leads AX-TLP-001, test leads AX-TLP-001T, test leads AX-TLP-002, test leads AX-TLP-003, test leads AX-TLS-001B, test leads AX-TLS-002B, test leads AX-TLS-003A, test leads AX-TLS-004A, test leads AX-TLS-005A, test leads AX-TLS-007S, test leads PPOM-14, test tweezers AX-TLP-TW-01 |
| **Conform to the norm:** | CAT III 1000V, CAT IV 600V, EN 61010 |
| **Dimensions (W x H x D):** | 90x190x40mm |
| **Measuring instrument features:** | auto and manual ranging, automatic power-off, AUTOSCAN function for detection of tested component, HOLD function, low battery indicator, MIN/MAX function, non-contact voltage detector |
| **Battery/ rechargeable battery:** | battery 6F22 9V x1 |
| **Illumination:** | yes |

# Additional information

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| **Gross weight:** | 0.771 kg |