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| **Symbol:** | AX-588N |
| **Product groups:** | Digital Multimeters |

# Product specifications

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| **Type of meter:** | digital multimeter |
| **Measurement:** | AC current, capacitance, DC current, frequency, resistance, temperature, transistors' gain h<sub>FE</sub> |
| **Kind of display used:** | LCD |
| **Display parameters:** | 3,5 digit |
| **DC voltage measuring range:** | 0.1...200mV, 2V, 20V, 200V, 1kV |
| **DC voltage measuring accuracy:** | ±(0.5% + 3 digit) |
| **AC voltage measuring range:** | 0.1...200mV, 2V, 20V, 200V, 750V |

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| **AC voltage measuring accuracy:** | ±(0.8% + 5 digit) |
| **Bandwidth for AC voltage measurements:** | 40Hz...100Hz @ ≤750V, 40Hz...400Hz @ ≤200V |
| **DC current measuring range:** | 1µA...2mA, 20mA, 200mA, 20A |
| **DC current measuring accuracy:** | ±(0.8% + 3 digit) |
| **AC current measuring range:** | 1µA...2mA, 20mA, 200mA, 20A |
| **AC current measuring accuracy:** | ±(1% + 5 digit) |
| **Bandwidth for AC current measurements:** | 40...200Hz |
| **Resistance measuring range:** | 100mΩ...200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 20MΩ, 2GΩ |
| **Capacitance measuring range:** | 10pF...20nF, 2µF, 20µF, 200µF |
| **Capacitance measuring accuracy:** | ±(2.5%+ 20 digit) |
| **Inductance measuring range:** | 1µH...2mH, 20mH, 200mH, 2H, 20H |
| **Inductance measuring accuracy:** | ±(2.5% + 20 digit) |
| **Frequency measuring range:** | 1...2kHz, 20kHz, 200kHz, 2MHz, 10MHz |

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| **Frequency measuring accuracy:** | ±(0.5%+4 digit) |
| **Temperature measuring range:** | -40...1000°C |
| **Temperature measurement accuracy:** | ±(1% + 4 digit) |
| **Resistance measuring accuracy:** | ±(0.8%+3 digit) |
| **Diode test:** | 1mA @3V |
| **Transistors' gain (hFE) test:** | 3V |
| **Continuity test:** | acoustic indication, <70Ω |
| **Weight with battery:** | 400g |
| **Power supply:** | battery 6F22 9V x1 |
| **Standard equipment:** | adapter for capacitance and transistors' gain (hFE) measurement, drop-like K-type probe with banana clips 4mm TP-09, test leads |
| **Optional equipment:** | AX-58P soft cover |
| **Conform to the norm:** | CAT III 1000V, EN 61010 |
| **Dimensions (W x H x D):** | 97x189x35mm |
| **Measuring instrument features:** | automatic power-off, enhanced range of resistance measurement to 2000MΩ, impact resistant holster, low battery indicator, manual ranging, PEAK HOLD function, universal |
| **Display height 1:** | 28mm |

# Additional information

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| **Gross weight:** | 0.624 kg |