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| **Symbol:** | AX-585N |
| **Product groups:** | Digital Multimeters |

# Product specifications

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| **Type of meter:** | digital multimeter |
| **Measurement:** | AC current, capacitance, DC current, frequency, resistance, temperature |
| **Kind of display used:** | LCD |
| **Display parameters:** | 4,5 digit (19999) |
| **Sampling:** | 3x/s |
| **DC voltage measuring range:** | 10µV...200mV, 2V, 20V, 200V, 1kV |
| **DC voltage measuring accuracy:** | ±(0.1% + 5 digit) |
| **AC voltage measuring range:** | 100µV...2V, 20V, 200V, 750V |

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| **Bandwidth for AC voltage measurements:** | 40...400Hz |
| **DC current measuring range:** | 10nA...200µA, 2mA, 20mA, 200mA, 20A |
| **DC current measuring accuracy:** | ±(0.5% + 4 digit) |
| **AC current measuring range:** | 1µA...20mA, 200mA, 20A |
| **AC current measuring accuracy:** | ±(1.5% + 25 digit) |
| **Bandwidth for AC current measurements:** | 40...200Hz |
| **Resistance measuring range:** | 10mΩ...200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 200MΩ |
| **Capacitance measuring range:** | 1pF...20nF, 2µF, 200µF |
| **Capacitance measuring accuracy:** | ±(3.5%+ 10 digit) |
| **Frequency measuring range:** | 1...20kHz, 200kHz |
| **Frequency measuring accuracy:** | ±(3%+150 digit) |
| **Temperature measuring range:** | -10...1000°C |
| **Temperature measurement accuracy:** | ±(0.8% + 40 digit) |

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| **Resistance measuring accuracy:** | ±(0.4%+5 digit) |
| **Temperature measurement resolution:** | 0.1°C |
| **Diode test:** | 1mA @3V |
| **Continuity test:** | acoustic indication, <70Ω |
| **Weight with battery:** | 400g |
| **Power supply:** | battery 6F22 9V x1 |
| **Standard equipment:** | 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, HOLD function, impact resistant holster, low battery indicator, manual ranging, universal |
| **Display height 1:** | 32mm |

# Additional information

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| **Gross weight:** | 0.606 kg |