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| **Symbol:** | AX-585B |
| **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, 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 |
| **True effective value measurement:** | True RMS AC |
| **Resistance measuring range:** | 1...200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 200MΩ |
| **Capacitance measuring range:** | 1pF...20nF, 2µF, 2mF |
| **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 |

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| **Temperature measurement accuracy:** | ±(0.8% + 40 digit) |
| **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, test leads AX-TL-4B1-B, test leads AX-TL-4B1-BL, test leads AX-TL-4B1-R, 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 tweezers AX-TLP-TW-01 |
| **Conform to the norm:** | CAT IV 600V, EN 61010 |

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| **Related items:** | 5790D, 5793D, 5794D, 5795D, 5797D, BKP60, EX871515, EX881602, EX881603, EX881605, PKT-PTA, PKT-PTF-10, PKT-PTF-20, PKT-PTF-25, PKT-PTF-30, PKT-PTF-40, PKT-PTF-50, PKT-PTF-55, PKT-PTF-56, PKT-PTF-60, SE027, SE028, SE029, SE030, SE031, SE059, SE060, SE061, SE062, SE001, SE002, SE003, SE004, SE000, TESTO-06020393, TESTO-06020645, TESTO-06024592, TESTO-06024892, TESTO-06280020, TESTO-06281292, TESTO-06287533, TP200, TP400, TP870, TP873, TP873-5M, TP882, TP-111, TP-112, TP-02, TP-03, TP-04, TP-06, TP-08, TP-09, TPK-59, TPK-62, UTT10K, UTT12 |
| **Dimensions (W x H x D):** | 97x189x35mm |
| **Measuring instrument features:** | automatic power-off, HOLD function, impact resistant holster, low battery indicator, manual ranging, universal |
| **Battery/ rechargeable battery:** | none |
| **Display height 1:** | 32mm |

# Additional information

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| **Gross weight:** | 0.643 kg |