**AX-7030 Analogue-Digital Multimeters**

**Features:**
- 8 functions, 20 ranges
- diode and continuity test with buzzer
- battery test function
- protective holster

**Specifications:**
- Display: analogue and LCD, 3.5 digits (15 mm)
- DC voltage: ±3% ±0.8% ±3°C
- AC voltage: ±3% ±0.8% ±3°C
- Resistance: ±3% ±0.8% ±3Ω
- DC current: ±3% ±0.8% ±3μA
- AC current: ±3% ±0.8% ±3μA
- Diode test: 1mA, 3V
- Continuity test: acoustic alarm for R<30Ω
- Temperature: -20°C to 100°C
- LED test: testing current 0.5 mA / testing voltage 1.5 V
- Low battery indicator
- HOLD function
- display with backlight
- flashlight
- auto power off
- diode and continuity test with buzzer
- logic state tester (TTL)

**Standard Equipment:**
- test leads set

---

**AX-7003 Pocket Size Analogue Meters**

**Features:**
- 6 functions, 14 ranges
- battery test function
- disconnectable test leads
- dB measurement
- protective holster

**Specifications:**
- DC voltage / Accuracy: ±10 / 50 / 250 / 500 V ±5%
- AC voltage / Accuracy: ±10 / 50 / 250 / 500 V ±5%
- DC current / Accuracy: ±10 μA / 1 μA ±5%
- Resistance / Accuracy: ±10 μΩ / 1 μΩ ±5%
- Battery test: 1.5 V (125 mA) / 9 V (25 mA)
- Decibels: ±60 dB (0 dB ±1 mW / 600W)
- Dimensions: 120 x 90 x 30 mm
- Weight: 470 g (with battery)
- Supply: 9V 6F22 battery
- Safety: EN61010-1, Cat. II 600V

**Standard Equipment:**
- test leads set

---

**AX-201 Handheld Multimeters with Backlight**

**Features:**
- LCD display, 3.5 digits (1999), digits 13 mm high
- auto ranging
- auto polarization indicator
- over range indicator
- low battery indicator
- HOLD function
- display with backlight
- flashlight
- auto power off
- diode and continuity test with buzzer
- logic state tester (TTL)

**Specifications:**
- Display: LCD, 3.5 digits, digits 13 mm high
- DC voltage: ±3% ±0.8% ±3°C
- AC voltage: ±3% ±0.8% ±3°C
- Resistance: ±3% ±0.8% ±3Ω
- DC current: ±3% ±0.8% ±3μA
- AC current: ±3% ±0.8% ±3μA
- Diode test: 1mA, 3V
- Continuity test: acoustic alarm for R<30Ω
- Dimensions: 130 x 75 x 30 mm
- Weight: 182 g (with battery)
- Supply: 9V 6F22 battery (not included)
- Safety: IEC/EN61010-1, Cat. II 600V

**Standard Equipment:**
- soft carrying case with belt holder

---

**AX-100 Portable Digital Multimeters**

**Features:**
- LCD display, 3.5 digits
- shock-resistant case
- manual ranging
- diode and continuity test with buzzer
- low battery indicator

**Specifications:**
- Display: LCD 3.5 digit (1999)
- DC voltage: ±3% ±0.8% ±3°C
- AC voltage: ±3% ±0.8% ±3°C
- Resistance: ±3% ±0.8% ±3Ω
- DC current: ±3% ±0.8% ±3μA
- AC current: ±3% ±0.8% ±3μA
- Diode test: 1mA, 3V
- Continuity test: acoustic signal for R<70Ω
- Overall dimensions (W x D x H): 85 x 30 x 145 mm
- Weight: 170 g
- Power supply: 1 battery 9V 6F22

**Standard Equipment:**
- test leads

---

**AX-7701 Pocket Digital Multimeters 500V AC/DC**

**Features:**
- LCD display, 3.74 digits
- auto ranging
- auto polarization indicator
- REL relative measurement function
- diode and continuity test with buzzer
- over range indicator
- low battery indicator

**Specifications:**
- Display: LCD, 3.75 digits (4000)
- DC voltage: ±1mV / 40mV / 400mV / 4V / 40V / 400V / 500V
- AC voltage: ±1mV / 40mV / 400mV / 4V / 40V / 400V / 500V
- Resistance: ±1% ±0.8% ±3°C
- Capacitance: ±4% ±0.8% ±3°C
- Frequency: ±0.01% ±0.8% ±3°C
- Filling rate: ±1.99%
- Diode test: current measurement for R<70Ω
- Continuity test: acoustic signal for R<60Ω
- Dimensions: 108 x 56 x 11.5mm
- Supply: 3V CR2025 battery (not included)
- Safety: EN61010-1, Cat. II 500V

**Standard Equipment:**
- soft carrying case with belt holder

---

**AX-MS821A Digital Multimeters with Buzzer**

**Features:**
- HOLD function
- low battery indicator
- separate socket for measuring NPN and PNP transistor’s hFE
- measure DC and AC current up to 10A
- continuity test with buzzer

**Specifications:**
- Display: LCD 3.5 digit (1999), digits 15mm high
- DC voltage: ±3% ±0.8% ±3°C
- AC voltage: ±3% ±0.8% ±3°C
- Resistance: ±3% ±0.8% ±3Ω
- DC current: 2mA, 20mA, 200mA, 2A
- AC current: 2mA, 20mA, 200mA, 2A
- Diode test: current measurement for R<70Ω
- Continuity test: acoustic signal for R<50Ω
- Diode test: current measurement for R<70Ω
- DC Test of transistor’s hFE: 2.8V test voltage
- Specifications: [Details]
- Safety: IEC/EN61010-1, Cat. II 600V
- Dimensions: 158 x 74 x 32 mm
- Weight: 250 g (with batteries)

**Standard Equipment:**
- test leads
### AX-101B Digital Multimeters

**Features:**
- LCD with backlight
- Square waveform generator
- Shock-resistant case
- Manual ranging
- Diode and continuity test with buzzer
- Low battery indicator

**Specifications:**
- **Display:** LCD 3.5 digit (1999)
- **AC voltage measuring range:** 100m...200/500V
- **DC voltage measuring range:** 100µ...400V/480/400V/600V
- **DC current measuring range:** 1m...2mA/20mA/2A
- **Resistance measuring range:** 0.1...200/2k/20k/200/20MΩ
- **Capacitance measuring range:** 10p...20n/2µ/200µ/2µF
- **Frequency measuring range:** 0.001Hz...1kHz/10kHz/100kHz/1MHz
- **Over range indicator:** Digital
- **Over range indication:** ±2% / ±4% +3c
- **Temperature:** -20°C to 100°C
- **LED test:** Testing current 0.5 mA / Testing voltage 1.5 V
- **Continuity test:** acoustic signal for R < 50 Ω
- **Dimensions:** 145 x 74 x 36 mm
- **Weight:** 190 g (with batteries)
- **Supply:** 1 battery 9V 6F22
- **Optional equipment:** AX-58P soft cover

### AX-105 Automatic Digital Pocket Multimeters

**Features:**
- 3.75 (399) LCD display
- Auto and manual ranging
- Relative measurement function REL (differential measurement)
- HOLD function (holds measurements results on the display)
- Duty Cycle measurement
- Diodes and continuity test with buzzer
- Over range indicator
- Auto power off
- Low battery indicator
- Protective holster

**Specifications:**
- **Display:** LCD 3.75 digits (399), digits 18.9 mm high
- **Voltage DC:** 100µ/400µ/4V/480/400V/600V
- **Current DC:** 1mA, 400µA/40mA/4A/400mA/10A
- **Current AC:** 0.1µA, 400µA/40mA/4A/400mA/10A
- **Resistance:** 1Ω, 400Ω/4kΩ/40kΩ/400kΩ/4MΩ
- **Capacitance:** 1µF, 40nF/40µF/400µF/4kµF/400mF
- **Frequency:** 0.001Hz...1kHz/10kHz/100kHz/1MHz
- **Temperature:** -20°C to 100°C
- **LED test:** Testing current 0.5 mA / Testing voltage 1.5 V
- **Continuity test:** acoustic signal for R < 50 Ω
- **Dimensions:** 145 x 74 x 36 mm
- **Weight:** 190 g (with batteries)
- **Supply:** 1 battery 9V 6F22
- **Optional equipment:** AX-58P soft cover

### AX-572 Digital Multimeters with Backlit Display

**Features:**
- LCD 3.5 digit (1999)
- 40 mm high
- Automatic power-off
- Impact resistant holster
- Measurers transitors’ gain (HFE) by means of the adapter included
- Manual ranging
- Diode and continuity test with buzzer
- Low battery indicator
- Over range indication “1” or “-1”

**Specifications:**
- **Display:** LCD (1999)
- **Battery:** 1 battery 9V 6F22
- **Power supply:** 1 battery 9V 6F22
- **Conform to the norm:** EN61010 600V CAT III
- **Over all dimensions:** (W x D x H) 93 x 55 x 175 mm
- **Weight:** 400 g
- **Power supply:** 1 battery 9V 6F22

### AX-582B Digital Multimeters with Backlit Display

**Features:**
- Large, backlit LCD (28mm)
- Automatic power-off
- HOLD function
- Impact resistant holster
- Measures transistors’ gain (HFE) by means of the adapter included
- Manual ranging
- Diode and continuity test with buzzer
- Detects line wire (acoustic and optical indication)

**Specifications:**
- **Motor type:** digital multimeter
- **Type of display used:** LCD 3.5 digit 28mm
- **Sampling:** 3x
- **AC voltage measuring range:** 0.1...200/200V/2000V
- **AC current measuring range:** 0.1µ...200/2/20A
- **DC voltage measuring range:** 0.1µ...200/2/200V
- **DC current measuring range:** 0.1µ...200/2/20A
- **Resistance measuring range:** 0.1...200/2/20kΩ
- **Capacitance measuring range:** 10p...20n/2µ/200µ/2µF
- **Frequency measuring range:** 0.001Hz...1MHz/10MHz/100MHz/1GHz
- **Over range indicator:** ±2% / ±4% +3c
- **Temperature:** -20°C to 100°C
- **LED test:** Testing current 0.5 mA / Testing voltage 1.5 V
- **Continuity test:** acoustic signal for R < 50 Ω
- **Dimensions:** 145 x 74 x 36 mm
- **Weight:** 190 g (with batteries)
- **Supply:** 1 battery 9V 6F22
- **Standard equipment:**
  - Test leads with contact tips
  - Type K temperature probe with boll tip at one end, and 4 mm banana plugs at another end

### AX-588B Digital Multimeters with Inductance Measurement

**Features:**
- Adapter for capacitance and transistors’ gain (HFE) measurement
- Test leads

**Specifications:**
- **Meter type:** digital multimeter
- **Type of display used:** LCD 3.5 digit 28mm
- **DC voltage measuring range:** 0.1...200/2/200V/2000V
- **AC voltage measuring range:** 0.1µ/200µ/2/200/2000V
- **DC current measuring range:** 0.1µ/200µ/2/20A
- **AC current measuring range:** 0.1µ/200µ/2/20A
- **AC voltage measuring range:** 0.1µ/200µ/2/200V
- **DC voltage measuring range:** 0.1µ/200µ/2/200V
- **Frequency measuring range:** 0.001Hz...1MHz/10MHz/100MHz/1GHz
- **Over range indicator:** ±2% / ±4% +3c
- **Temperature:** -20°C to 100°C
- **LED test:** Testing current 0.5 mA / Testing voltage 1.5 V
- **Continuity test:** acoustic signal for R < 50 Ω
- **Dimensions:** 145 x 74 x 36 mm
- **Weight:** 190 g (with batteries)
- **Supply:** 1 battery 9V 6F22
- **Safety:** EN61010 600V CAT IV

**Standard equipment:**
- Adapter for capacitance and transistors’ gain (HFE) measurement
- Test leads
- Drop-like K-type probe with crocodile clips 4mm TP-09

**Optional equipment:** AX-58P soft cover
AX-585B Digital Multimeters 4,5 Digit with Backlit Display

**Features:**
- large, backlit LCD (32mm)
- automatic power-off
- HOLD function
- overload protection
- measures temperature, humidity, illumination, and sound level
- diode and continuity test with buzzer
- non-contact voltage detector
- automatic selection of measuring ranges

**Specifications:**
- Meter type: digital multimeter
- Type of display used: LCD 4,5 digit (19999) 32mm
- Sampling: 3x/s
- DC voltage measuring range: 10µV...20/200/2000/20000/200V
- AC voltage measuring range: 10µV...20/200/2000/20000/200V
- AC current measuring range: 1µA...200mA/20mA/200mA
- AC current measuring range: 0.1µA...20mA/20mA/200mA
- DC current measuring range: 0.1µA...20mA/20mA/200mA
- Capacitance measuring range: 0.01pF...20μF/200μF/200μF
- Capacitance measuring range: 0.1pF...20μF/200μF/200μF
- Frequency range: 1 Hz...20kHz/40kHz/400kHz/1MHz
- Frequency range: 0.01Hz...10MHz/100MHz/1GHz
- Temperature measuring range: 33.399% RH
- Temperature measuring range: -30...+130°C
- Illumination measurement: 0.001...40klux
- Duty cycle factor: 0.1...99.9%
- Duty cycle factor: 0.1...99.9%
- Diode test: 1.4mA, 2.8V
- Continuity test: 10µA, 10Ω
- Overall dimensions (W x D x H): 78 x 48 x 170 mm
- Weight with battery: 400 g
- Power supply: 1 battery 9V 6F22
- Safety: EN61010 600V CAT III

**Standard equipment:**
- LCD display 3 1/2 digits
- Operating range: 3000 counts, digits 33 mm high
- auto range function
- USB interface
- HOLD function
- Min./Max. function
- relative measurement function
- over range indicator
- low battery indicator
- diode and continuity test with buzzer
- auto power off after 30 min.
- protective holder

**Optional equipment:**
- AX-585B soft cover

AX-150 True RMS 3,5 Digits Digital Multimeters

**Features:**
- LCD display 3 1/2 digits
- Operating range: 3000 counts, digits 33 mm high
- automatic power-off
- HOLD function
- Min/Max/REL function
- diode and continuity test with buzzer
- over range indicator "OL"

**Specifications:**
- Display: LCD display 3 1/2 digits
- Sampling rate: 3x/s
- DC voltage measuring range: 0.1µV...1000V
- DC voltage measuring range: 0.1µV...1000V
- AC voltage measuring range: 0.1µV...1000V
- AC voltage measuring range: 0.1µV...1000V
- AC current measuring range: 0.1µA...10A
- AC current measuring range: 0.1µA...10A
- DC current measuring range: 0.1µA...10A
- DC current measuring range: 0.1µA...10A
- Resistance: 0.1Ω...40MΩ
- Capacitance: 0.1pF...400µF
- Frequency: 0.01Hz...10MHz
- Temperature: -55°C to +130°C
- Diode test: test current 1mA / test voltage 3V
- Continuity test: test current 1mA / test voltage 2,8V
- Weight: 390 g (with battery)
- Dimensions: 192 x 95 x 48 mm
- Power supply: 2 batteries 1,5V LR6 (AA)

**Standard equipment:**
- LCD display 3 5/6 digits with 6000 counts
- Display: LCD with 6000 counts, digits 21 mm high
- Measuring ranges: 1x, 10x, 100x, 1000x
- Measuring ranges: 1x, 10x, 100x, 1000x
- High accuracy: ±1% of reading
- High accuracy: ±1% of reading
- Resolution: 0.01 Ω
- Resolution: 0.01 Ω
- Capacity: 50 000 counts
- Capacity: 50 000 counts
- Protective holster
- Protective holster
- Value True RMS
- Value True RMS
- Auto power off
- Auto power off
- Software running under Windows 98/2000/NT/XP OS
- Software running under Windows 98/2000/NT/XP OS

www.axiomet.eu
AX-155 Digital Multimeters with True RMS

Features:
- LCD bargraph display with backlight, 4000 counts, digits 21 mm high
- auto ranging
- HOLD function (holds measurements results on the display)
- Min/Max function
- PEAK function (measurement of short impulse signals shorter than 1ms)
- over range indicator
- low battery indicator
- diode and continuity test with buzzer
- auto power off after 30 min.
- protective holster

Specifications:
- Display: LCD with 4000 counts, digits 21 mm high
- Sampling rate: 20/s
- DC voltage: 0.01mV...400V/4000V/400V/1000V
- AC voltage: 0.1mV...400V/4000V/400V/1000V
- AC current: 0.1µA...40mA/400mA/6A
- Resistance: 0.1Ω...40MΩ/4000MΩ
- Capacitance: 0.1pF...100μF/1000μF
- Frequency: 1Hz...40kHz/40kHz/10MHz
- Temperature: -20°C...100°C
- Diode test: test current: 0.1mA / test voltage 1.5V
- Continuity test: acoustic signal for R < 35Ω
- Dimensions: 182 x 82 x 55 mm
- Weight: 375g (with battery)
- Supply: 9V 6F22 battery (not included)
- Safety: Cat. IV 600V and Cat. III 1000V

AX-158 Digital Multimeters with USB Interface

Features:
- auto/manual ranging
- MIN/HOLD function
- REL function (differential measurement)
- diode and continuity test with buzzer
- Duty Cycle measurement
- auto power off after 30 min. of idleness with possibility to switch off this function
- low battery indicator
- electronic protection

Specifications:
- Display: LCD with capacity 34,000 counts, digits 14mm high
- DC voltage: 0,1mV...1000V
- AC voltage: 0,1mV...700V (4kHz-500Hz)
- DC current: 0,1µA...10A
- AC current: 0,1µA...10A (4kHz-200Hz)
- Resistance: 0,1Ω...600MΩ
- Continuity test: acoustic alarm for R < 35Ω
- Capacitance: 0,1pF...100µF
- Frequency: 0,01Hz...100kHz
- Temperature: -55°C...100°C
- Duty Cycle: 1%...99%
- Dimensions: 180 x 85 x 40 mm
- Weight: about 310 g (with battery)
- Supply: 9V 6F22 battery
- Safety: Cat. II 1000V and Cat. III 600V

AX-174 Automatic Multimeters True RMS with Auto-Scan Function

Features:
- LCD display with backlight
- measurement of real effective value True RMS
- function of tested element detection - Auto-Scan
- non-contact voltage detector
- HOLD function
- auto and manual ranging
- Min/Max function
- diode and continuity test with buzzer
- auto power off function
- low battery indicator

Specifications:
- Display: LCM 3 1/2 digits with 6000 counts
- Sampling rate: 3/s
- DC voltage: 100µV...600V/6V/60V/600V/1000V
- AC voltage: 100µV...600V/6V/60V/600V/1000V
- AC current: 0,1µA...60mA/600µA/6mA/60mA/60mA/10A
- Resistance: 0,1Ω...60MΩ/600MΩ/6000MΩ/60000MΩ
- Capacitance: 0,1pF...100μF/1000μF
- Frequency: 0,1Hz...6kHz/6kHz/1MHz
- Temperature: -55...100°C
- Diode test: test current 0,1mA / test voltage 2,8V
- Continuity test: acoustic alarm for R < 30Ω
- Dimensions: 199 x 90 x 40 mm
- Weight: 500g (with battery)
- Supply: 9V 6F22 battery (not included)
- Safety: EN61010 Cat. III 1000V, Cat. IV 600V

AX-176 Automatic Multimeter True RMS with USB Interface

Features:
- LCD display with backlight
- auto/manual ranging
- real effective value measurement True RMS
- HOLD function
- Min/Max/Rel function
- PEAK HOLD Min/Max function (impulse signals storage)
- USB interface
- diode and continuity test with buzzer
- auto power off
- low battery indicator

Specifications:
- Display: LCD with capacity 6000 counts
- Sampling rate: 3/s
- DC voltage: 100µV...600V/6V/60V/600V/1000V
- AC voltage: 100µV...600V/6V/60V/600V/1000V
- AC current: 0,1µA...60mA/600µA/6mA/60mA/60mA/10A
- Resistance: 0,1Ω...60MΩ/600MΩ/6000MΩ/60000MΩ
- Capacitance: 0,1pF...100μF/1000μF
- Frequency: 0,1Hz...6kHz/6kHz/1MHz
- Temperature: -55...100°C
- Diode test: test current 0,1mA / test voltage 2,8V
- Continuity test: acoustic alarm for R < 30Ω
- Dimensions: 200 x 100 x 40 mm
- Weight: 560g (with batteries)
- Supply: 1.5V R6, 2 batteries
- Safety: Cat. III 1000V

AX-178 Professional Digital Multimeters with True RMS and IrDa Interface

Features:
- LCD display, capacity 50 000 counts
- low battery indicator
- auto/manual ranging
- HOLD function
- Min./Max. function, for relative measurement
- diode and continuity test
- resistance measurement resolution 0,01Ω
- voltage measurement
- resolution 1μV
- measure DC and AC voltage up to 1000V
- measure true RMS for AC/DC
- measure frequency of linear and rectangular waveforms
- measure capacitance to 5 mF
- measure gain (loss)
- measure duty cycle factor
- acoustic indication in case of incorrect test leads connection
- auto power off
- IrDa interface

Specifications:
- Display: LCD with capacity 50000 counts
- Sampling rate: 51-sample bargraph
- DC voltage/AC + AC: 0,001mV...1000V
- Bandwidth: 0,001Hz...20kHz
- DC voltage: 0,001mV...1000V
- AC current/DC + AC: 0,001µA...10A
- Bandwidth: 0,001Hz...20kHz
- DC current: 0,01µA...10A
- Resistance: 0,01Ω...500MΩ
- Capacitance: 0,01nF...5000µF
- Frequency: 5Hz...200kHz linear waveform
- Sensitivity: 100 mV
- Frequency: 5Hz...200kHz linear waveform
- Sensitivity: 2...5V
- Duty cycle: 0,01%...99%
- Waveform frequency: 5Hz...500kHz
- Duty cycle: 0,1%...2,5V
- Continuity test: acoustic alarm for R > 50Ω
- Dimensions: 200 x 100 x 40 mm
- Weight: 560g (with batteries)
- Supply: 1.5V R6, 2 batteries
- Safety: Cat. III 1000V

Standard equipment:
- test leads set with insulated clips
- test leads set with test tips
- optocable with USB for connecting the multimeter to a PC
- software running under Windows 98/2000/NT/XP OS

www.axiomet.eu
### AX-T520 Digital Multimeters with LAN Tester

**Features:**
- Large LCD display with backlight
- LAN testing function (RJ45 connection) and telephone lines testing function
- HOLD function (holds measurements results on the display)
- Continuity test with buzzer
- Manual ranging
- Battery tester 1.5V, 6V, 9V
- Low battery indicator

**Specifications:**
- Display: LCD 3.5 digits (999)
- DC voltage: 200mV/2V/20V/200V/1000V
- AC voltage: 200mV/2V/20V/200V/750V
- DC current: 0.2μA/2mA/20mA/200mA/10A
- AC current: 0.2μA/2mA/20mA/200mA/10A
- Resistance: 200Ω/2kΩ/20kΩ/200MΩ
- Continuity test: acoustic signal for R<700Ω
- Dimensions: 185 x 85 x 44 mm
- Weight: 360 g (with battery)
- Supply: 9V F22 battery
- Safety: EN61010: Cat. II 600V, Cat. III 300V

**Standard equipment:**
- Test leads set
- Adapter for LAN network testing

### AX-503 Multimeters - SMD Measurement Tweezers

**Features:**
- Low battery indicator
- Diode test
- Measures resistance and capacitance
- Relative measurement function
- Auto power off

**Specifications:**
- Display: LCD 5.75 digits (6000)
- Resistance: 0.1Ω...400kΩ
- Capacitance: 1pF...200μF
- Dimensions: 181 x 35 x 20 mm
- Weight: 65 g (with battery)
- Supply: 1.5V LR44, 2 batteries

### AX-8450 High Precision Table Multimeters 4.5 digits

**True RMS**

**Features:**
- Auto ranging
- High precision
- HOLD function (holds measurements results on the display)
- Min./Max./Rel. function
- dBm and dB measurement
- Diode and continuity test with buzzer
- Relative measurement
- Manual, automatic or external trigger
- Remote interface RS-232C
- USB interface
- SCPI programming language

**Standard equipment:**
- Test leads set
- Supply cable

**Specifications:**
- Display: dual LCD 4.5 digits
- Sampling rate: up to 25/s
- DC voltage: 10μV...200mV/2V/20V/200V/1000V
- AC voltage: 10μV...200mV/2V/20V/200V/750V
- AC current: 0.1μA...2mA/20mA/200mA/2A/20A
- DC current: 0.1μA...2mA/20mA/200mA/2A/20A
- Resistance: 0.01Ω...2MΩ
- Continuity test: acoustic signal for R<50Ω
- Dimensions: 181 x 35 x 20 mm
- Weight: 360 g (with battery)
- Supply: 1.5V LR44, 2 batteries (not included)

### AX-C709 Multimeters with Calibrator Function

**Features:**
- Auto and manual ranging
- Automatic power-off
- HOLD function
- Backlit LCD
- Diode and continuity test with buzzer
- Compatible with 8 types of thermocouples: J, K, T, E, R, S, B, N
- Selection of Celsius or Fahrenheit units
- Low battery indicator
- RTD and resistance simulation
- DC Voltage Output
- Frequency Output

**Specifications:**
- Display: LCD (3999)
- DC voltage measuring range: 0.01m...400m/4/40/400V
- AC voltage measuring range: 0.01m...400m/4/40/400V
- AC current measuring range: 0.01m...40A/40mA/4A/400mA
- DC current measuring range: 0.01A...20A/2mA/200mA/2A/20A
- Resistance measuring range: 0.1Ω...2MΩ
- Continuity test: acoustic signal for R<10Ω
- Temperature: -20ºC...760ºC
- Frequency: 0.0001Hz...10Hz/100Hz/100kHz/1MHz
- Voltage source: -0.5V to 5.5V
- Current source: 4mA...20mA
- Power supply: 4 batteries 1.5V LR03 (AAA)

### AX-C708 Multimeters with Calibrator Function

**Features:**
- Auto and manual ranging
- Automatic power-off
- HOLD function
- Backlit LCD
- Diode and continuity test with buzzer
- Low battery indicator

**Specifications:**
- Display: LCD (3999)
- DC voltage measuring range: 0.01m...400m/4/40/400V
- AC voltage measuring range: 0.01m...400m/4/40/400V
- AC current measuring range: 0.01m...40A/40mA/4A/400mA
- DC current measuring range: 0.01A...20A/2mA/200mA/2A/20A
- Resistance measuring range: 0.1Ω...2MΩ
- Diode test: 0.2mA, 1V
- Continuity test: acoustic signal for R<50Ω
- Voltage source: -0.5V to 5.5V
- Loop source: -0.5V to 5.5V
- Power supply: 4 batteries 1.5V LR03 (AAA)
AX-507B Forceps R/C for SMD with Auto-Scan Function

**Features:**
- auto/manual ranging
- function of tested element detection - Auto-Scan
- diode and continuity test with buzzer
- over range indicator
- auto power off
- low battery indicator

**Specifications:**
- Display: LCD 3,75 digits (6000)
- digits 13 mm high
- Sampling rate: 3 s/s
- Resistance: 0,1Ω...300Ω/30kΩ/300kΩ/3MΩ
- Capacitance: 1µF...100µF/1nF...10µF/100µF/1nF/100µF
- Diode test: current test 1 mA / test volatge 2 V
- Dimension: A: 181 x 35 x 20 mm
- Weight: 63 g (with battery)
- Soft carrying case with belt holder

**Standard equipment:**
- user's manual
- case
- test leads

AX-200 AC Clamp Meters

**Features:**
- auto ranging
- automatic power-off
- HOLD function
- diode test
- overflow indicator
- overload protection
- cable integrity test
- low battery indicator

**Specifications:**
- Display: LCD with 1999 counts
- AC current: 0.001A...400A
- AC/DC voltage: 0,1mV...600V
- Resistance: 0,1Ω...20MΩ
- Capacitance: 0,01µF...100µF
- Frequency: 100kHz
- Temperature: -20°C...760°C
- Continuity test: acoustic alarm for R < 150 Ω
- Dimensions: 183 x 16 x 40 mm
- Weight: 47 g (with battery)
- Soft carrying case

**Standard equipment:**
- test leads set
- soft carrying case
- K-type temperature probe

AX-203 400A AC/DC Clamp Meters with Thermometer

**Features:**
- max. diameter for cable Ø30 mm
- resolution 0.01 A
- non-contact voltage detector
- diode and continuity test with buzzer
- HOLD function
- low battery indicator
- overrange indicator
- auto power off
- display with backlight
- temperature measurement (°C or °F)

**Specifications:**
- Display: LCD with 1999 counts
- AC current: 0,001A...400A
- AC/DC voltage: 0,1mV...600V
- Resistance: 0,1Ω...20MΩ
- Capacitance: 0,01µF...100µF
- Frequency: 100kHz
- Temperature: -20°C...760°C
- Continuity test: acoustic alarm for R < 150 Ω
- Dimensions: 197 x 70 x 40 mm
- Weight: 200 g
- Soft carrying case

**Standard equipment:**
- test leads set
- soft carrying case
- K-type temperature probe

AX-LCR41A Precision Bridges RLC

**Features:**
- Double LCD display 5 digits
- manual ranging RANGIE function
- auto ranging with locking
- parallel and serial circuit equivalent
- HOLD function (holds measurements results on the display)
- multi-frequency correction of idle state and short - circuit state
- over range indicator
- low battery indicator
- buzzer

**Specifications:**
- Display: Dual LCD 5 digits
- Sampling rate: 3 s/s
- Resistance: 0.00001Ω - 9.9999MΩ
- Impedance: 0.0001Ω - 9.9999MΩ
- Capacitance: 0.1µF - 9999µF
- Inductance: 0.1µH - 9999H
- Quality and diffusion factor: 0.0001 - 9999
- Measuring frequencies: 100Hz, 120Hz, 1kHz
- Dimensions: 200 x 95 x 40 mm
- Weight: 400 g
- 1,5V LR03 battery (not included)

**Standard equipment:**
- 12V DC power supply
- 4-lead Kelvin clips

AX-LCR42A RLC Bridges

**Features:**
- automatic power-off
- bargraph
- HOLD function
- double backlit LCD
- parallel or serial measurement
- selectable parallel or serial equivalent circuit
- calibration function
- measurement quality factor Q, dissipation factor D and phase angle θ
- REL function

**Specifications:**
- Display: double LCD (19.9999/1999) digits
- Measurement frequency: 100Hz/120Hz/1kHz/10kHz/100kHz
- Resistance measuring range: 20...200MΩ
- Capacitance measuring range: 20pF...20nF
- Inductance measuring range: 20mH...20H
- Power supply: 6 batteries 1,5V LR03 (AAA), mains power supply

**Standard equipment:**
- batteries
- four-wire Kelvin clips
- user's manual

www.axiomet.eu
**AX-380 AC/DC Clamp Meters up to 2000A**

**Features:**
- automatic power-off
- HOLD function
- display zero adjustment in DC measurements
- low battery indicator
- REL function

**Specifications:**
- Display: LCD 3,3 digit (3999)
- Max. diameter of measured cable: 38 mm
- AC current measuring range: 400mA/4/400/600/1000mA
- AC voltage measuring range: 400mV/4/400/600/1000mV
- DC voltage measuring range: 400mV/4/400/600/1000mV
- Resistance measuring range: 0,1Ω...40MΩ
- Capacitance measuring range: 40µF/400µF/4000µF/40000µF
- Frequency measuring range: 5Hz...10kHz
- Duty cycle factor: 0.1...99.9%
- Conform to the norm: EN61010 600V CAT III
- Dimensions: 229 x 80 x 49 mm
- Weight: 357 g
- Power supply: 3 batteries 3V CR2032

**Standard equipment:**
- case
- test leads

---

**AX-356 1000A AC/DC Clamp Meters with True RMS and Temperature Measurement**

**Features:**
- auto and manual ranging
- automatic power-off
- large, backlit LCD
- HOLD function
- MIN/MAX function
- PEAK HOLD function
- display zero adjustment in DC measurements
- diode and continuity test with buzzer
- overrange indicator
- overload protection
- measures true RMS of the current up to 1000A
- selection of Celsius or Fahrenheit units
- low battery indicator

**Specifications:**
- Type of display used: LCD 3,75 digit (4000)
- Max. diameter of measured cable: 52 mm
- Sampling: 2x/s
- DC current measuring range: 0,01...40/400/1000mA
- AC current measuring range: 0,01...40/400/1000mA
- DC voltage measuring range: 0,01...40/400/1000mV
- AC voltage measuring range: 0,01...40/400/1000mV
- Resistance measuring range: 0,1...40/400/1000/4MΩ
- Capacitance measuring range: 0,01nF/40nF/400nF/4000nF/40µF
- Frequency measuring range: 1Hz...4kHz
- Temperature measuring range: -20...70°C
- Duty test: 0,3mA, 3V
- Continuity test: acoustic signal for R<40Ω
- Weight without batteries: 449 g
- Dimensions: 270 x 100 x 47 mm
- Power supply: 1 battery 9V 6F22
- Conform to the norm: EN61010 1000V CAT III, EN61010 600V CAT IV

**Standard equipment:**
- case
- test leads
- drop-like K-type temperature probe

---

**AX-354 AC/DC Clamp Meters up to 1000A**

**Features:**
- automatic power-off with disable function
- continuity test with buzzer
- backlit LCD
- diode test
- cable integrity test
- low battery indicator

**Specifications:**
- Display: LCD 3 3/4 digits (4000)
- Max. diameter of measured cable: 38 mm
- AC current measuring range: 400mA/4/400/600/1000mA
- AC voltage measuring range: 400mV/4/400/600/1000mV
- DC voltage measuring range: 400mV/4/400/600/1000mV
- Resistance measuring range: 0,01...40/400/1000/4MΩ
- Capacitance measuring range: 0,01nF/40nF/400nF/4000nF/4µF
- Frequency measuring range: 10Hz...10kHz
- Duty cycle factor: 0.1...99.9%
- Conform to the norm: EN61010 600V CAT II
- Dimensions: 190 x 64 x 24 mm
- Power supply: 3 batteries 3V CR2032

**Standard equipment:**
- case
- test leads

---

**AX-350 1000A AC True RMS clamp watt meter**

**Features:**
- large, backlit LCD with bargraph
- autostranging
- automatic power-off
- HOLD function
- MIN/MAX function
- USB interface
- measures active, reactive and apparent power, power factor and phase angle
- measures true RMS AC
- overload protection
- contactless voltage detector
- 99 measurement memory

**Specifications:**
- Display: LCD 4 digits
- AC voltage measuring range: 0,1...1000/400/750V
- AC current measuring range: 0,01...40/400/1000A
- Frequency measuring range: 50...200Hz
- Active power measurement: 0.6...750kW
- Reactive power measurement: 0.6...750kVAR
- Apparent power measurement: 0.6...750kVA
- Power factor measurement: 0.3...1
- Phase angle measurement: 0.1...90°
- Max. diameter of measured cable: 55 mm
- Weight without batteries: 537 g
- Power supply: 1 battery 9V 6F22
- Safety: EN61010 300V CAT IV, EN61010 600V CAT III

**Standard equipment:**
- USB cable
- test probes
- 4 crocodile clips
- software
- case
- test leads
### AX-2040 Clamp Meters

**Features:**
- Large, backlit LCD display
- Analog bar graph for AC current up to 1000A
- Auto ranging
- Hold function
- Over range indicator
- REL function
- Diode and continuity test
- Overload indicator
- Built-in temperature probe
- Built-in torch with switch
- Automatic selection of measurement range
- Battery life indicator

**Specifications:**
- Display: LCD with 4000 digits
- AC current measuring range: 0-1000A
- DC voltage measuring range: 0-1000V
- Resistance measuring range: 0-400MΩ
- Frequency measuring range: 0-4kHz
- Capacitance measuring range: 0-40μF
- Weight: 565g
- Dimensions: 190 x 55 x 24mm
- Conform to EN 61010-0600V CAT II

**Standard equipment:**
- Hard carrying case
- Test leads
- Temperature probe
- LCD with bargraph
- 41-segment bargraph

---

### AX-T01 Non-Contact Voltage Detector for 200 - 1000V AC

**Features:**
- Non-contact voltage detector for 200-1000V AC
- Red LED and audible beeper indicator
- Built-in torch with switch
- With clamp, e.g., for pocket fastening
- Rugged, double protective holster

**Specifications:**
- Indicators: LED and beeper
- Voltage range: 200-1000V AC (50/60Hz)
- Dimensions: 176 x 26mm
- Weight: 48g
- Supply voltage: 1.5V LR03 (2 batteries not included)
- Safety: Cat. III 1000V

**Standard equipment:**
- Hard carrying case
- Test leads
- Protective holster
- Built-in torch with switch

---

### AX-M266C Clamp Meters for 1000 A AC with Thermometer

**Features:**
- Jaw opens to Ø54 mm
- Resolution for AC current range from 0.01 A
- Auto ranging
- Overrange indicator
- Low battery indicator

**Specifications:**
- Display: 3 1/2 digits LCD
- AC current: 0,01...200/200/1000A
- DC voltage: 0,1...200/200/1000V
- Resistance: 0,1...200/200/2MΩ
- Temperature range: 0°C...750°C
- Continuity test: acoustic alarm for R<50Ω
- Dimensions: 230 x 90 x 43mm
- Weight: 320g (with battery)
- Supply: 9V 6F22 battery

**Standard equipment:**
- Test leads set
- Soft carrying case
- K-type temperature probe with ball tip

---

### AX-T02 Magnetic Field Detectors with Flashlight

**Features:**
- Magnetic field detection
- Built-in torch with switch
- Red LED for non-contact voltage detection
- With clamp, e.g., for pocket fastening
- Rugged, double protective holster

**Specifications:**
- Indicator: LED
- Magnetic field (H): 63, 98, 401, 810
- Maximum operating current: 32mA
- Dimensions: 160 x 20mm
- Weight: 48g
- Supply: 1.5V LR03, 2 batteries (not included)
- Safety: Cat. III 1000V

**Standard equipment:**
- Hard carrying case
- Test leads
- Magnetic field detection
- LED for non-contact voltage detection
- Built-in torch with switch

---

### AX-T2090 Cable Locators Transmitter / Receiver

**Features:**
- Large readable transmitter display with backlight
- Signal level, transmission code and detected voltage value
- Receiver display with backlight shows signal level, transmission code and detected voltage value
- Finding cables in walls, cables discontinuities and short-circuits
- Detecting fuses and tracking of the actual circuit
- Tracking flush mounting sockets and boxes
- Locating circuits discontinuities and short-circuits
- Tracking water-main and heating pipes
- Live and break cables detecting without necessity of use of additional equipment
- Automatic and manual sensitivity regulation
- Sound signalling with disable option
- Auto power off
- Measured point illumination function

**Specifications:**
- Transmitter display: LCD
- Voltage measurement: 0-1200V
- Frequency range: 60Hz
- Output signal: 12kHz
- Dimensions: 130 x 65 x 33mm
- Weight: 130g
- Supply voltage: 9V 6F22 battery (not included)

**Standard equipment:**
- Hard, carrying case
- Test leads

---

### AX-903 Voltage, Metal and Wood Detectors

**Features:**
- Device for locating wooden and metal objects and live wires to the depth of 19 mm
- Acoustic and visual signalling on LCD
- LED display for continuous detection of live wires
- 180º rotary head with laser indicators
- 6-meter laser beam
- Built-in classic level line
- Ergonomic shape ensuring comfortable and precise operation
- Auto calibration function for wood and metal detection
- Auto power off
- Low battery indicator
- Rugged housing

**Specifications:**
- Indicators: LED and beeper
- Detection accuracy: 0.3cm
- Laser beam length: up to 6m
- Laser accuracy: 1.27cm at 6m
- Dimensions: 186 x 76 x 38mm
- Weight: 180g
- Supply voltage: 9V battery, type 6F22

**Standard equipment:**
- Hard, carrying case
- Test leads
- LED and beeper
- Laser beam
- Laser indicator
- Built-in classic level line
- Auto calibration function

---

**www.axiomet.eu**
AX-6520 Infrared Thermometers with Laser Sight and Display with Backlight

Features:
- Laser sight
- Dual LCD display with backlight
- Measuring range up to 500°C
- Optical resolution: 8:1
- Selectable °C and °F
- Min/Max/Max/Min/Rel function
- Audible indication of set
- High/low threshold values
- HOLD function
- USB function
- Ambient temperature measurement
- Non-contact temperature measuring resolution: 0.1°C
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Optical resolution: 20:1
- Display: LCD

Specifications:
- Display: LCD with backlight
- Temperature range: -50°C to 537°C
- Resolution: 0.1°C
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Laser sight: Adjustable emissivity
- Selection of Celsius or Fahrenheit units
- Low battery indicator
- Drop-like K-type temperature probe

Standard equipment:
- Soft carrying case

AX-T901 Electrical Testers

Features:
- Low impedance test
- Test RCDs up to 30 mA
- Polarity indicator

Specifications:
- Display: LED bargraph indicating 7-voltage levels
- DC voltage measuring range: 0/6/12/24/36/50/120/230/400V
- AC voltage measuring range: 0/6/12/24/36/50/120/230/400V
- Bandwidth for AC voltage measurements: 0.6/60 Hz
- Sealing: IP64
- Dimensions: 240 x 78 x 40 mm
- Weight without batteries: 237 g

AX-T902 Appliance Testers

Features:
- RCD’s test up to 30 mA
- Polarity indicator
- AC/DC voltage indicator
- Low impedance test
- Phase sequence test
- Auto test
- Torch function
- Voltage detection without battery
- Continuity test

Specifications:
- Display: Bargraph with 8 voltage thresholds
- Measurement range: 12/24/36/50/120/230/400/690 V AC/DC
- Response time: < 0.1 s
- Continuity test: < 8 kΩ
- Input impedance: < 6 kΩ
- Frequency: 50 Hz or 60 Hz
- Weight: 237 g
- Dimensions: 240 x 78 x 40 mm
- Safety: Cat. III 1000 V, Cat. IV 600 V
- Protection degree: IP64

Standard equipment:
- Test leads set
- Soft carrying case

AX-7510 Infrared Thermometers with Adjustable Emissivity

Features:
- Backlit LCD
- Automatic power-off
- HOLD function
- MIN/MAX/MEDIUM function
- Laser sight
- Adjustable emissivity
- Selection of Celsius or Fahrenheit units
- Low battery indicator

Specifications:
- Display: LCD, white backlight, 4 digits
- Optical resolution: 12.3
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Non-contact temperature measuring range: -40°C to 537°C
- Non-contact temperature measuring resolution: 0.1°C
- Weight: 125 g
- Dimensions: 97 x 43 x 160 mm

AX-7520 Infrared Thermometers with Adjustable Emissivity

Features:
- Laser sight
- Optical resolution: 12:1
- Selectable °C and °F
- Low battery indicator
- HOLD function
- Min/Max/Max/Min function
- Auto power-off after 10 sec
- Socket for mounting on a stand

Specifications:
- Display: LCD, white backlight, 4 digits
- Optical resolution: 12:1
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Non-contact temperature measuring range: -50°C to 1600°C
- Non-contact temperature measuring resolution: 0.1°C
- Weight: 260 g (with battery)
- Dimensions: 179 x 162 x 47 mm

AX-7530 Infrared Thermometers with Adjustable Emissivity

Features:
- Laser sight
- Optical resolution: 12:1
- Selectable °C and °F
- Low battery indicator
- HOLD function
- Min/Max/Max/Min function
- Auto power-off after 10 sec
- Socket for mounting on a stand

Specifications:
- Display: LCD with backlight
- Optical resolution: 12:1
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Non-contact temperature measuring range: -32°C to 480°C (-25.6°F to 896°F)
- Non-contact temperature measuring resolution: 0.1°C
- Weight: 125 g
- Dimensions: 97 x 43 x 160 mm

AX-7540 Infrared Thermometers with Adjustable Emissivity

Features:
- Laser sight
- Optical resolution: 12:1
- Selectable °C and °F
- Low battery indicator
- HOLD function
- Min/Max/Max/Min function
- Auto power-off after 10 sec
- Socket for mounting on a stand

Specifications:
- Display: LCD with backlight
- Optical resolution: 12:1
- Emissivity value: 0.1 to 1.0, resolution 0.01
- Non-contact temperature measuring range: -32°C to 480°C (-25.6°F to 896°F)
- Non-contact temperature measuring resolution: 0.1°C
- Weight: 125 g
- Dimensions: 97 x 43 x 160 mm

AX-T903 Appliance Testers with LCD Display

Features:
- LCD display with bargraph
- Phase sequence test
- Continuity test
- Low impedance test
- Display with backlight
- Polarity indicator
- AC/DC voltage indicator
- Low battery indicator
- Torch function

Specifications:
- Display: LCD, 4 digits
- Sampling rate: 2 to 3 x/ sec.
- Measurement ranges: 1V, 10V, 120V, 250V, 500V, 1200V, 2300V, 4000V/690V AC/DC
- Threshold of auto switch on: 4.5 V
- Input current: ≤ 3 mA at 690 V AC
- ≤ 2.5 mA at 690 V DC
- Input impedance: ≤ 1 MΩ
- Continuity test: ≤ 300 KΩ
- Dimensions: 240 x 78 x 40 mm
- Weight: 237 g
- Supply: 1.5 V LR03 (AAA), 2 batteries
- Safety: Cat. III 1000 V, Cat. IV 600 V
- Protection degree: IP64

Standard equipment:
- Test leads set
- Soft carrying case
**AX-7530 Infrared Thermometers with Adjustable Emissivity, 13:1**

**Features:**
- dual LCD display with backlight
- laser sight
- optical resolution 13:1
- temperature range 0,1°C (-0,1°F)
- HOLD function
- selectable °C and °F
- emissivity adjustment from 0,1 to 1,0
- contact temperature measurement with use of K-type thermocouple
- memory of 20 measurements
- auto power off
- low and high temperature alarm function
- continuous measurement lock
- over range indicator
- laser indicator power off function
- low battery indicator
- protective holster
- MAX, MIN, DF, AVG record function enabling display of maximum, minimum and average values as well as the difference between MAX and MIN values

**Specifications:**
- Display: LCD with backlight
- IR temperature range: -32°C to 480°C (-25,6°F to 899°F)
- K-type thermocouple probe: -50°C to 1370°C (-58°F to 2484°F)
- Optical resolution: 13:1
- Spectral range: 8-14µm
- Emissivity: from 0,1 to 1,0 resolution 0,01
- Dimensions: 100 x 56 x 230mm
- Weight: 290g
- Supply: 9V 6F22 battery (not included)

**Standard equipment:**
- K-type thermocouple probe

**AX-T2400 Insulation Testers 125/250/500/1000V to 4000Mohm**

**Features:**
- large, dual LCD with backlight and bargraph
- HOLD function (holds measurements result on the display)
- MIN/Max function
- auto ranging
- continuity test with buzzer
- measuring voltage lock
- overvoltage protection
- measuring zeroing function
- auto power off
- low battery indicator
- anti-stroke function (bolster)

**Specifications:**
- Display: LCD
- Sampling rate: 2.5 s/s
- Testing voltage: 1000V for range 1MΩ...4000Mohm
- 500V for range 6,5MΩ...4000Mohm
- 250V for range 0.25MΩ...4000Mohm
- 125V for range 0,125MΩ...4000Mohm
- DC voltage: 1V, 1000V
- AC voltage: 1V, 750V
- Continuity test: acoustic signal for R < 35 Ω
- Dimensions: 200 x 92 x 50 mm
- Weight: 700 g (with batteries)
- Power supply: 1,5 V LR06 (AA), 6 batteries

**Standard equipment:**
- Test leads set
- Soft carrying case
- Laser sight
- AC voltage measuring range: 0,1m...500/5/50/500/1000V
- DC voltage measuring range: 0,1m...500/5/50/500/1000V
- AC current measuring range: 0,1µA...500µA/500/50/500mA
- DC current measuring range: 0,1µA...500µA/500/50/500mA
- Resistance measuring range: 1...300/15/150/300M/3000MΩ
- Capacity measuring range: 0,01mF...50mF/500mF/5/50/500/1000µF
- Frequency measuring range: 0,001...50kHz
- Temperature measuring range: -40...337°C
- Temperature measurement resolution: 0,1°C
- Diode test: 0,7mA, 2,5V
- Continuity test: acoustic signal for R < 25Ω
- Pollution degree: 2
- Body dimensions: 200 x 100 x 40 mm
- Weight with battery: 560 g
- Power supply: 6 batteries, 1,5V LR63 (AAA)
- Safety: EN61010 1000V CAT III

**AX-T2200 Multimeters with Insulation Resistance Tester to 1kV**

**Features:**
- backlit LCD
- automatic power-off
- measures temperature without leads or by means of K-type probe
- HOLD function
- MAX/MIN/MEDIUM function
- measures dew-point
- USB interface
- data and time setting possibility
- constant measurement (interlocking of measurement release button)
- settable MIN/Max alarm thresholds
- memory built-in
- ambient temperature measurement
- saving in JPEG, 3GP formats
- temperature difference measurement
- data logger function
- laser sight
- adjustable emissivity
- option of memory card connection SD(8GB)

**Specifications:**
- Display: LCD with backlight
- Temperature range: ±50°C to 800°C (-58°F to 1472°F)
- Display resolution: ±1°C/±1°F
- Spectral range: 8-14µm
- Emissivity: from 0,10 to 1,00 / resolution 0,01
- Dimensions: 146 x 104 x 43mm
- Weight: 163g
- Supply: 9V 6F22 battery

**AX-7550 Multifunctional Video Pirometers up to 1600°C**

**Features:**
- double LCD display with backlight
- auto and manual ranging
- automatic power-off
- wide test voltages selection
- HOLD function
- MIN/MAX function
- overload protection
- measures frequency, capacitance and temperature
- measures true RMS AC/DC
- diode and continuity test with buzzer

**Specifications:**
- Test voltage: 50VDC (for 0,05M...50MΩ range)
- 100VDC (for 0,1M...1000MΩ range)
- 250VDC (for range 0,25M...250MΩ)
- 500VDC (for range 0,5M...500MΩ)
- 1000VDC (for range 1M...250Ω)
- Insulation resistance: 0,05M...0,1M/0,25M/0,5M/1M/10M/100M/250MΩ
- Measuring ranges: ±0,5M/1M/10M/100M/250MΩ
- AC voltage measuring range: 0,1m...500/5/50/500/1000V
- AC current measuring range: 0,1µA...500µA/500/50/500mA
- DC current measuring range: 0,1µA...500µA/500/50/500mA
- Resistance measuring range: 1...300/15/150/300M/3000MΩ
- Capacitance measuring range: 0,01mF...50mF/500mF/5/50/500/1000µF
- Frequency measuring range: 0,001...50kHz
- Temperature measuring range: 40...2000°C
- Temperature measurement resolution: 0,1°C
- Diode test: 0,7mA, 2,5V
- Continuity test: acoustic signal for R < 25Ω
- Pollution degree: 2
- Body dimensions: 200 x 100 x 40 mm
- Weight with battery: 560 g
- Power supply: 6 batteries, 1,5V LR63 (AAA)
- Safety: EN61010 1000V CAT III

**Standard equipment:**
- test probes
- 2 crocodile clips
- case
- temperature probe

**AX-7531 Infrared Thermometers with Adjustable Emissivity, 20:1**

**Features:**
- backlit LCD
- automatic power-off
- measures temperature with leads or by means of K-type probe
- HOLD function
- MAX/MIN/MEDIUM function
- measures dew-point
- USB interface
- date and time setting possibility
- constant measurement (interlocking of measurement release button)
- settable MIN/Max alarm thresholds
- memory built-in
- ambient temperature measurement
- saving in JPEG, 3GP formats
- temperature difference measurement
- data logger function
- laser sight
- adjustable emissivity
- option of memory card connection SD(8GB)

**Specifications:**
- Display: LCD with backlight
- Temperature range: ±50°C to 800°C (-58°F to 1472°F)
- Display resolution: ±1°C/±1°F
- Spectral range: 8-14µm
- Emissivity: from 0,10 to 1,00 / resolution 0,01
- Dimensions: 146 x 104 x 43mm
- Weight: 163g
- Supply: 9V 6F22 battery
### AX-B100 Borescopes

**Features:**
- Inspection camera
- USB interface
- Built-in LEDs for measurement spot illumination

**Specifications:**
- Probe diameter: 12 mm
- Cable length: 1 m
- Sealing: IP67
- Operating temperature: 0...45°C
- Weight: 362 g
- Dimensions: 266 x 73 x 80 mm
- Power supply: from USB port

**Standard equipment:**
- USB cable
- Fixtures: mirror, hook, magnet
- Video cable

**Features:**
- Auto power-off function
- Soft carrying case
- Adjustable sensitivity
- Overload protection
- Overvoltage protection
- Identification of telephone line status (free, calling, busy)
- Detection of tone signal in cables or wires (telephone lines)
- Continuity test for cables and wires
- Adaptor for carrying out tests by one person

**Specifications:**
- Display: LCD 2.4" (320x240)
- Probe diameter: 12 mm
- Cable length: 1 m
- Sealing: IP67
- Weight: 360 g
- Dimensions: 266 x 73 x 80 mm
- Power supply: 4 batteries 1.5V LR6 (AA)

**Standard equipment:**
- USB cable
- Fixtures: mirror, hook, magnet
- Video cable

**Optional equipment:**
- 3 meters AX-BC3 cable for video borescope

**Features:**
- Test accessories type: extension cable for video borescope
- Probe dia.: 17 mm
- Cable len.: 3 m
- Application: AX-B250

**Features:**
- Test accessories: borescope probe with camera
- Application: AX-B250
- Probe diameter: 6 mm
- Cable length: 1 m

**Features:**
- Test accessories: borescope probe with camera
- Application: AX-B250
- Probe diameter: 9 mm
- Cable length: 1 m

### AX-B250 Video Borescopes with 17mm LCD 3,2" Camera

**Features:**
- LCD 3,2" TFT
- 320x240 display
- Pictures and video image taking
- Video image refresh 30 frames/s
- Built-in 4 illuminating diodes with the adjustable backlight
- Pictures and video image record
- Image rotation function
- Video output
- USB 2.0 interface
- Date and time tag
- Auto power-off function

**Specifications:**
- Display: LCD 3.2" TFT 320x240
- Focus range: 5-15 cm
- Cable length: 1 m
- Camera diameter: 17 mm
- Number of colors: 24
- Video camera format: MPEGA/3GP/WAV/ASF
- Pictures format: JPEG, JPG
- Storage pictures format: JPG (4440x480)
- Built-in flash memory: 64M
- SD card: MAX 32GB
- Flash card: MAX 8GB
- TV output: PAL/NTSC
- Dimensions: 240 x 100 x 160 mm
- Weight: 65 g (with battery)
- Supply: 3.7V, 2000mA/h Lithium battery

**Standard equipment:**
- Battery
- USB cable
- Charger
- Video cable

**Optional equipment:**
- 3 meters AX-BC3 cable for video borescope

### AX-B150 Borescopes

**Features:**
- USB interface
- Built-in LEDs for measurement spot illumination
- Low battery indicator
- TV-Out (NTSC)

**Specifications:**
- Display: LCD 2.4" (320x240)
- Probe diameter: 12 mm
- Cable length: 1 m
- Sealing: IP67
- Weight: 360 g
- Dimensions: 266 x 95 x 66 mm
- Power supply: 4 batteries 1.5V LR6 (AA)

**Standard equipment:**
- USB cable
- Fixtures: mirror, hook, magnet
- Video cable

### AX-B350 Borescopes

**Features:**
- Automatic power-off
- USB interface
- Date and time setting possibility
- Flexible cord
- TV-Out (PAL/NTSC)
- JPEG, AVI recording format
- Built-in LEDs for measurement spot illumination
- Digital zoom x 4
- Built-in 64MB memory

**Specifications:**
- Display: LCD 3.5" (320x240)
- Probe diameter: 12 mm
- Cable length: 1 m
- Sealing: IP67
- Operating temperature: 0...45°C
- Weight: 405 g
- Dimensions: 270 x 75 x 100 mm
- Power supply: 1 battery 1.5V LR6

**Standard equipment:**
- USB cable
- Fixtures: mirror, hook, magnet
- Software
- Video cable

### AX-BC3 Extension Cables for AX-B250 Video Borescopes

**Features:**
- Test accessories type: extension cable for video borescope
- Probe dia.: 17 mm
- Cable len.: 3 m
- Application: AX-B250

### AX-BC6MM-1 Extension Probes for AX-B250 Video Borescopes

**Features:**
- Test accessories: borescope probe with camera
- Application: AX-B250
- Probe diameter: 6 mm
- Cable length: 1 m

### AX-BC9MM-1 Extension Probes for AX-B250 Video Borescopes

**Features:**
- Test accessories: borescope probe with camera
- Application: AX-B250
- Probe diameter: 9 mm
- Cable length: 1 m

www.axiomet.eu
### TESTER-MS6811
**LAN Cable Tester**

**Features:**
- 10-LED indicator
- UTP, STP cables test
- TDR, wire length test
- continuity and wires configuration test
- connections map test: discontinuity, short circuit, reversed pairs, crossed pairs, separated pairs
- detection of shielded and non-shielded wires
- adapter for carrying out tests by one person
- low battery indicator

**Specifications:**
- Measure cables: from 0.4 m to 200 m
- Dimensions: 125 x 55 x 30 mm
- Weight: 1.25 g
- Supply: 6 V 4LR44 battery

**Standard equipment:**
- soft carrying case

### AX-C605
**Series Loop Calibrators**

**Features:**
- automatic power-off
- tests in 25% steps and at 100% of signal
- 24V loop supply voltage
- low battery indicator
- measures 0-20mA current loop

**Specifications:**
- Display: LCD 4,5 digit (19999)
- DC voltage measuring range: 0...28V
- Voltage measuring resolution: 1 mV DC
- DC current measuring range: 0...22mA
- Current measuring resolution: 0.001 mA
- Voltage source: 0...24V
- Current source: 0...22mA
- Operating temperature: 0...50°C
- Weight: 550 g
- Dimensions: 180 x 90 x 47 mm
- Power supply: 2 x 1.5V AA (LR6)

### AX-C800
**Voltage and Current Calibrators**

**Features:**
- measure or simulate voltage in mV and V
- measure or simulate current in mA and A
- current readout in mA or % of range
- power transmitters during test using loop supply 24 V
- overvoltage protection
- overload protection

**Specifications:**
- Parameters mA DC:
  - Measurement/simulation: 0 to 100 mA
  - Resolution: 0.01 mA
- Parameters V DC:
  - Measurement/simulation: 0 to 10 V
  - Resolution: 0.001V
- Loop supply:
  - 24 V DC ± 10%
- Parameters mA AC:
  - Measurement/simulation: 0 to 24 mA
  - Resolution: 0.001 mA
- Supply:
  - 9V 6F22 battery (delivered separately)
- Dimensions: 204 x 99 x 46 mm
- Weight: 460 g

**Standard equipment:**
- soft carrying case

### AX-5001
**Temperature Multimeters with Dew-Point**

**Features:**
- Large LCD display with backlight
- HOLD function (holds measurements results on the display)
- Min./Max./Med. function
- possible measurement in Celsius and Fahrenheit degrees
- dew-point measurement
- auto power off
- low battery indicator

**Specifications:**
- Display: LCD 4 digits, backlight
- Sampling rate: 1/s
- Temperature: 0.1°C, 0.1°F, 0.1%RH
- Humidity: 0.1%RH, 0.1°F, 0.1%RH
- Dimensions: 121 x 60 x 38 mm
- Weight: 180 g
- Supply: 1,5V LR03, 3 batteries (not included)

### TESTER-MS6812
**Cable Pairs Identificator**

**Features:**
- continuity test for cables and wires
- detection of cable fault place
- detection of tone signal in cables or wires (telephone lines)
- identification of telephone line status (free, calling, busy)
- wire identification in cable by means of sending single, continuous or modulated signal
- adjustable sensitivity

**Specifications:**
- Transmitter signal frequency: 1.5 kHz
- Receiver signal frequency: 100...300 kHz
- Supply voltage: 9V 6F22 battery (delivered separately)

**Standard equipment:**
- soft carrying case

### AX-9201
**Miniature Temperature Meters**

**Features:**
- automatic power-off
- HOLD function
- MIN/MAX function
- pointed probe made of stainless steel
- low battery indicator

**Specifications:**
- Temperature measuring range: -50...150°C
- Temp. measur. resolt: 0.1°C
- Probe length: 250 mm
- Weight without batteries: 51 g
- Power supply: 1 battery 1,5V LR6

### AX-TH05
**Thermohygrometers**

**Features:**
- 3 level psychological comfort indicator (temperature/humidity)
- large double LCD
- selection of Celsius or Fahrenheit units

**Specifications:**
- Temperature measuring range: -50...70°C
- Temperature measurement resolution: 0.1°C
- Humidity measuring range: 10...99% RH
- Humidity measuring resolution: 1% RH
- Weight: 160 g
- Dimensions: 105 x 105 x 15 mm
- Power supply: 1 battery 1,5V LR03 (AAA)
AX-5002 Pyrometers with Embedded Temperature Meter

**Features:**
- Large LCD display with backlight
- Contact or non-contact temperature measurement
- Laser indicator
- HOLD function (holds measurements results on the display)
- Min./Max./Med. function
- Possibility of measurement in Celsius or Fahrenheit degrees
- Auto power off
- Low battery indicator

**Specifications:**
- Display: LCD 4 digits
- Temperature (probe): 0.1°C, -200...1300°C
- Temperature (non-contact): 0.1°C, -50...300°C
- Optical resolution: ±1
- Emissivity: Fixed 0.95
- Dimensions: 121 x 60 x 30 mm
- Weight: 180 g
- Supply: 1,5V LR03, 3 batteries (not included)

**Standard equipment:**
- Hand strip
- Hard case
- K-type temperature probe with ball tip

**AX-5003 Two-Channel Temperature Meters with Range -200/+1300°C**

**Features:**
- Large LCD with backlight
- Possibility of two numeral measurements display
- Temperature difference measurement
- HOLD function (holds measurements results on the display)
- Min./Max. function
- Programmable alarm thresholds Min./Max.
- Possibility of measurement in Celsius or Fahrenheit degrees
- Auto power off
- Low battery indicator

**Specifications:**
- Display: LCD 4 digits
- Temperature (K-type thermocouple): 0.1°C, -200...1300°C
- Temperature (J-type thermocouple): 0.1°C, -20...1750°C
- Optical resolution: ±1
- Emissivity: Fixed 0.95
- Dimensions: 121 x 60 x 30 mm
- Weight: 180 g
- Supply: 1,5V LR03, 3 batteries (not included)

**Standard equipment:**
- Hand strip
- Hard case
- Two K-type probes with ball tip

**AX-C830 Thermocouple Calibrators Type J,K,T,E,R,S,B,N**

**Features:**
- Large LCD with backlight
- High precision
- Measurement and simulation
- Operates with 8 thermocouple types J,K,T,E,R,S,B,N
- Measurement in Celsius or Fahrenheit
- Anti-shock housing
- Socket enabling supply connection

**Specifications:**
- Display: LCD 5 digits
- DC voltage: 10mV...75mV
- T-type thermocouple measure. range: -200...0°C
- J-type thermocouple measure. range: -20...+1750°C
- R-type thermocouple measure. range: 200...1750°C
- K-type thermocouple measure. range: 200...1750°C
- N-type thermocouple measure. range: 200...1300°C
- F-type thermocouple measure. range: 200...1300°C
- Dimensions: 205 x 98 x 46 mm
- Weight: 472 g
- Supply: 1.5V LR03, 6 batteries (not included)

**Standard equipment:**
- Soft case
- 2x thermocouple K-type pin

**AX-C850 Calibrators**

**AX-CO-2-1 Temperature, Humidity and CO2 Meters**

**Features:**
- 3 point pH buffers calibration (4, 6.8, 9.1)
- Hold function
- Min./Max. function
- Large, easy-to-read display LCD
- Measurement and simulation
- High precision
- Large LCD with backlight
- Measurement method
- Sampling time from 1s to 24 hrs record
- Alarm function
- Modulation - AM, FM, PM, ASK, FSK, PSK waveforms: sine, rectangle, ramp, pulse, noise
- Number of channels: 2
- Waveform frequency range:
  - Rectangular waveform: 1µHz...500s
  - Rectangular waveform: 1µHz...10MHz

**Specifications:**
- DC voltage: -10mV...75mV
- Resolution: ±0.1°C/°F
- Thermocouples: Pt100 (JIS), Pt500 (385), Pt10 (385), 50, 100, 200, 500, 1000, Pt100 (JIS)
- Weight: 2.6 kg
- Dimensions: 105 x 281 x 229 mm
- Sweep mode period: 1m...500s
- Memory record length: 16kpts/ch
- Output parameters impedance: 50
- Number of channels: 2
- Waveform frequency range:
  - Rectangular waveform: 1µHz...10MHz
- Rectangular waveform: 1µHz...300kHz

**AX-PH01 pH and Temperature Sensors**

**Features:**
- Automatic power-off
- HOLD function
- Simultaneously measures pH and temperature
- 1-point pH buffers calibration (4, 6.8, 9.1)
- Millivolt output: 0...40mV
- Measurement range: -20...+50°C

**Specifications:**
- Display: Double LCD
- Measuring range: 0...40mV
- Measuring resolution: ±0.01mV
- Measurement accuracy: ±0.1mV
- Temperature measuring range: -20...+50°C
- Temperature measurement accuracy: ±0.2°C
- Weight: 180g
- Dimensions: 188 x 38 mm
- Power supply: 4 batteries 1.5V LR03 (AAA)

**AX-DT100 Temperature and Humidity Recorders 32700 Samples**

**Features:**
- LCD display with date and time tag
- Humidity and temperature value record
- Sampling time from 1s to 24 hrs record
- Min./Max function
- Measurement in Celsius and Fahrenheit degrees
- Memory filling tag
- Alarm function with alarm level control
- USB interface

**Specifications:**
- Display: LCD
- Temperature measurement: 0.1°C to +70°C
- Humidity measurement: 0.1% to 100%RH
- Memory: 32700 cells
- Measurement cycle: 1s to 24h
- Desired software: Windows XP/Vista
- Dimensions: 94 x 48 x 33 mm
- Weight: 115 g
- Supply: 3.6V battery

**AXIO MEDIT**

**www.axiomet.eu**
AX-C850 Calibrators for RTD Sensors

**Features:**
- large, easy-to-read display LCD
- calibration of Pt10 (385), 50, 100, 200, 500, 1000, Pt100 (JIS) thermocouples
- selectable °C or °F
- measurement method 2, 3 or 4-wire

**Specifications:**
- Resolution: 0.01°C (measurement) / 0.1°C (simulation)
- Range: -200°C to 800°C
- Notes: Pt10 (385), Pt50 (385), Pt100 (385)
- Thermocouples: 2x thermocouple K-type pin
- Soft carrying case
- 2 measurement leads sets
- 1 insulated dips set

**Standard equipment:**
- Calibrators Type J,K,T,E,R,S,B,N
- Measurement cycle: 1s to 24h record
- Memory: 32700 cells
- Temperature measurement: 0.1°...-40°C

AX-2901 Optical-Mechanical Tachometers

**Features:**
- optically measure rotational speed in RPM
- optically determine distance 5 cm – 20 cm
- mechanically measure rotational and linear speed
- auto ranging
- measurements memory: Max/Min/Last
- low battery indicator
- set of replaceable measuring adaptors for various applications

**Specifications:**
- Display: LCD 5 digits (99999 max)
- Sampling rate: 1Hz
- Optically measure rotational speed
- Range: 6 – 99999 RPM
- Mechanically measure rotational speed (contact method)
- Range: 1 – 199999 RPM
- Mechanically measure linear speed
- Range: 0.1 – 99999 RPM
- Max/Min value measurement: 0.1% accuracy
- Relative measurement (for illumination changes recording)
- Cosine and color compensation
- conforms to IEC photopic spectral response
- measurement adaptors with 1m cable
- protective holster

AX-L230 Luxmeters, up to 400k Lux

**Features:**
- large, LCD display with backlight, 3.75 digits with 41-segment bargraph
- Lux or Ft measurement units
- Peak value measurement option
- HOLD function
- (holds measurement result on display)
- Max/Min value measurement
- Relative measurement
- (for illumination changes recording)
- Cosine and color compensation
- conforms to IEC photopic spectral response
- Measurement ranges: 40lx/400lx/4klx/40klx/400klx
- Resolution: 0.01 lx/0.01 fc
- Spectral accuracy: CIE V/3 function f1 < 6%
- Cosine response: 10° ≤ 2%
- Dimensions: 263 x 75 x 50 mm
- Weight: 280 g
- Supply: 9V 6F22 battery

AX-DG2010AF Function Generators

**Features:**
- arbitrary waveform
- waveforms: sine, rectangle, ramp, pulse, noise
- modulation - AM, FM, PM, ASS, FSK, PSK
- USB interface

**Specifications:**
- Waveform frequency range:
  - range: 1µHz...10MHz (rectangular waveform),
  - range: 1µHz...10MHz (sinus waveforms),
  - range: 1µHz...300kHz (ramp waveforms),
  - range: 1µHz...300kHz (triangle waveforms),
  - range: 500µHz...5MHz (pulsed waveform)
- Vertical resolution: 14 bit
- Memory record length: 16kpts/ch
- Sweep mode period: 1ms...500s
- Rectangular waveform parameters rise/fall time: <12ns
- Number of channels: 2
- Output parameters impedance: 50Ω
- Dimensions: 195 x 281 x 229 mm
- Weight: 2.6 kg
- Power supply: 100...240VAC 50/60Hz

**Standard equipment:**
- USB cable
- software
- mains cable

www.axiomet.eu
AX-DS1100CFM Digital Oscilloscopes with 7" LCD

Standard equipment:
- 2 voltage probes with 1:1/10:1 divider
- USB cable
- software

Features:
- digital filter function
- Holdoff function: 100ns...1.5s
- Pass/Fail function
- value averaging function with maximal 256 runs
- colour LCD with adjustable contrast
- mathematical functions: addition, subtraction, division, multiplication and FFT
- measurements by means of cursors
- displays input waveform and FFT on divided screen
- records input waveform
- trigger modes: slope (negative, positive), impulse width, video signal
- integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular
- memory for 20 settings
- colour 7" LCD with contrast regulation
- 20 measurement memory
- 20 measurement memory
- RS223 interface
- USB interface

Specifications:
- Band: 0 Hz to 100 MHz
- Type of display used: LCD 7" (480x234)
- Sampling: 50Gsps (in real time)
- Number of channels: 2
- Interface: RS223, USB
- Input impedance: 1MΩ
- Input sensitivity: 1mV/div...10V/div
- Input coupling: AC, DC, GND
- Trigger source: CH1, CH2, external signal
- Trigger modes: normal, single
- Accuracy of voltage and current measurement: ±0.01% + 2mV
- Vertical resolution: 8 bit
- Max. input voltage: 400 V
- Memory record length: 1Mpts/ch
- Rise time: 3.5ns
- Accuracy of voltage and current measurement: ±0.1% + 5mA
- Accrual time: 5.8ns; 8.8ns
- Power supply: 100...240 V AC 50/60Hz
- Weight: 2.4 kg

AX-DS1022C7 Digital Oscilloscopes

Features:
- automatically measures 32 parameters
- digital filter function
- value averaging function with maximal 256 runs
- colour LCD with adjustable contrast
- mathematical functions: addition, subtraction, division, multiplication and FFT
- measurements by means of cursors
- X-Y operation mode
- displays input waveform and FFT on divided screen
- records input waveform
- trigger modes: slope (negative, positive), impulse width, video signal
- integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular
- memory for 20 settings
- RS223 interface
- USB interface

Standard equipment:
- 2 voltage probes with 1:1/10:1 divider
- USB cable
- software

AX-1803D Low Power Laboratory Power Supply Units (PSU)

Specifications:
- Display: LCD 2 x 3.5 digits
- Output voltage DC: 0...18 V
- Output current DC: 0...3 A
- Line regulation: ±0.01% ±1 mV
- Load regulation: ±0.2% ±1 mA
- Noise and ripple: < 1 mVrms
- Mains supply: 230 V AC ± 10%
- Dimensions: 206 x 153 x 106 mm
- Weight: about 4 kg

Features:
- 2 LCD displays 2 x 3.5 digits
- precise adjustment of current and voltage
- short-circuit protection
- overload protection
- protection against connection to the PSU's output a voltage with reverse polarisation
- simultaneous readouts of voltage and current
- efficient current and voltage regulation factor

AX-3005D-1 Single Output Laboratory Power Supply with LCD

Features:
- 2 LEDs
- cooled by temperature-controlled fan
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- constant voltage or constant current operation
- overload protection
- short circuit protection
- protection against connection of reverse polarisation voltage to the PSU output
- coarse and precise voltage and current adjustment
- memory for 4 settings

Specifications:
- Display: 2x LCD 4 digits
- Number of channels: 1
- Output voltage: 0...30 VDC
- Output voltage resolution: 10 mV
- Output current: 0...0.5 A
- Output current resolution: 1 mA
- Voltage stabilisation: < ±0.1% + 2mV
- Current stabilisation: < ±0.1% + 10mA
- Dimensions: 110 x 156 x 260 mm
- Weight: 4.5 kg
- Power supply: 100...240 V 50/60Hz

Standard equipment:
- mains cable

AX-3005DS 1 Channel Adjustable Power Supplies

Features:
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- overload protection
- coarse and precise voltage and current adjustment

Specifications:
- Display: 2x LCD 3 digits
- Number of channels: 1
- Output voltage: 0...30 V DC
- Output current: 0.5 A
- Voltage stabilisation: < ±1% + 10mV
- Current stabilisation: < ±1% + 5mA
- Voltage (regulated) ripple and noise: < 100mV/µp-p
- Dimensions: 80 x 160 x 205 mm
- Weight: 1.5 kg
- Power supply: 230VAC 50/60Hz

AX-3005DS, AX-3010DS 1 Channel Adjustable Switching Power Supplies

Specifications:
- Display: 2x LCD 3 digits
- Number of channels: 1
- Output voltage: 0...30 V DC
- Output current: 0.5 A
- Voltage stabilisation: < ±1% + 10mV
- Current stabilisation: < ±1% + 5mA
- Voltage (regulated) ripple and noise: < 100mV/µp-p
- Dimensions: 206 x 153 x 106 mm
- Weight: 2.4 kg
- Power supply: 230VAC 50/60Hz

AX-3005DLS Single Channel

Specifications:
- Display: LCD 7" (480x234)
- Sampling: 50Gsps (in real time)
- Number of channels: 2
- Interface: RS223, USB
- Input impedance: 1MΩ
- Input sensitivity: 1mV/div...10V/div
- Input coupling: AC, DC, GND
- Trigger source: CH1, CH2, external signal
- Trigger modes: normal, single
- Accuracy of voltage and current measurement: ±0.01% + 2mV
- Vertical resolution: 8 bit
- Max. input voltage: 400 V
- Memory record length: 1Mpts/ch
- Rise time: 3.5ns
- Accuracy of voltage and current measurement: ±0.1% + 5mA
- Accrual time: 5.8ns; 8.8ns
- Power supply: 100...240 V 50/60Hz
- Weight: 2.4 kg

AX-3005D-2 Single Output Laboratory Power Supply with LCD

Features:
- 2 LEDs
- cooled by temperature-controlled fan
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- constant voltage or constant current operation
- overload protection
- short circuit protection
- protection against connection of reverse polarisation voltage to the PSU output
- coarse and precise voltage and current adjustment
- memory for 4 settings

Specifications:
- Display: 2x LCD 4 digits
- Number of channels: 1
- Output voltage: 0...30 VDC
- Output voltage resolution: 10 mV
- Output current: 0...0.5 A
- Output current resolution: 1 mA
- Voltage stabilisation: < ±0.1% + 2mV
- Current stabilisation: < ±0.1% + 10mA
- Dimensions: 110 x 156 x 260 mm
- Weight: 4.5 kg
- Power supply: 100...240 V 50/60Hz

Standard equipment:
- mains cable

AX-3005-2 Single Output Laboratory Power Supply with LCD

Features:
- 2 LEDs
- cooled by temperature-controlled fan
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- constant voltage or constant current operation
- overload protection
- short circuit protection
- protection against connection of reverse polarisation voltage to the PSU output
- coarse and precise voltage and current adjustment
- memory for 4 settings

Specifications:
- Display: 2x LED 4 digits
- Number of channels: 1
- Output voltage: 0...30 VDC
- Output voltage resolution: 10 mV
- Output current: 0...0.5 A
- Output current resolution: 1 mA
- Voltage stabilisation: < ±0.1% + 2mV
- Current stabilisation: < ±0.1% + 10mA
- Dimensions: 110 x 156 x 260 mm
- Weight: 4.5 kg
- Power supply: 100...240 V 50/60Hz

Standard equipment:
- mains cable
### AX-DS1062CFM Digital Oscilloscopes with 7” Display

**Features:**
- 7” colour display with contrast regulation
- 2 channels
- Sampling rate to 1Gsa/s
- Automatic measurement of 32 parameters
- Memory of runs to 2Mpts
- Measurement with cursors
- Mathematical and FFT functions
- Tripping with template (ascending, descending), with impulse width, with video signal
- Memory of runs and settings
- USB interface

**Specifications:**
- Band: ≤ 250MHz
- Display: LCD, 7” (480x234)
- Number of channels: 2
- Input impedance: 1MΩ/10pF
- Trigger source: CH1, CH2, external signal
- Trigger modes: automatic, normal, single
- Trigger coupling: AC, DC, lowpass, highpass
- Input sensitivity: 2mV/div...10V/div
- Time base: 2ms/div...10s/div
- Rise time: ≤ 14ns
- Max. input voltage: 400V
- Vertical resolution: 8 bit
- Memory record length: 32Kpts
- Accuracy (±): 0.1% + 5mA
- Memory record length: 32Kpts
- USB interface

**Standard equipment:**
- 2 voltage probes with 1:10:1 divider
- USB cable
- Software

### AX-6002P Programmable Power Supply Units

**Features:**
- Cooled by temperature-controlled fan
- RS232 interface
- USB interface
- Simultaneous voltage and current readout
- Voltage and current stepless adjustment
- Constant voltage or constant current operation
- Voltage/Overload protection
- Protection against connection of reverse polarisation voltage
- Coarse and precise voltage and current adjustment
- Double LED
- Memory for 4 settings

**Specifications:**
- Display: 2x LED 4 digits
- Number of channels: 1
- Input voltage: 0...60V DC
- Output voltage resolution: 10 mV
- Output current: 0...2A
- Current stabilisation: 0.01% + 2mA
- Current stabilisation: 0.1% + 5mA
- Voltage (regulated) ripple and noise: ≤ 1mVrms
- Dimensions: 96 x 193 x 215 mm
- Weight: 3 kg
- Power supply: 100...240V 50/60Hz
- Pollution degree: 2

**Standard equipment:**
- USB cable
- Software
- mains cable

### AX-3005DS, AX-3010DS 1 Channel Adjustable Switching Power Supplies

**Features:**
- Simultaneous voltage and current readout
- Voltage and current stepless adjustment
- Overload protection
- Coarse and precise voltage and current adjustment

**Specifications:**
- Display: 2x LCD 3 digits
- Number of channels: 1
- Current stabilisation: ≤ 1% + 5mA
- Voltage stabilisation: ≤ 1% + 10mV
- Voltage (regulated) ripple and noise: ≤ 200mV/µp-p
- Weight: 1.5 kg
- Dimensions: 85 x 160 x 205 mm
- Power supply: 230V AC 50/60Hz

**Standard equipment:**
- USB cable
- Software
- mains cable

### AX-3005DLS Single Channel Linear Power Supplies

**Features:**
- Simultaneous voltage and current readout
- Voltage and current stepless adjustment
- Overload protection
- Coarse and precise voltage and current adjustment

**Specifications:**
- Display: 2x LCD 4 digits
- Number of channels: 1
- Input voltage: 0...30V DC
- Output current: 0...5A
- Voltage stabilisation: ≤ 0.01% + 5mV
- Voltage (regulated) ripple and noise: ≤ 1mV/p-p
- Dimensions: 85 x 160 x 260 mm
- Power supply: 110/230V 50/60Hz

**Standard equipment:**
- USB cable
- Software
Laboratory Power Supplies

**AX-3003L-3, AX-3005L-3**
3-channel Linear Laboratory Power Supplies

- **Features:**
  - 2 regulated blocks that can operate in constant current or variable voltage modes and as serial, parallel or independent PSUs
  - 4 LED displays
  - cooled by temperature-controlled fan
  - simultaneous voltage and current readout
  - voltage and current stepless adjustment
  - programmable current limiter
  - overload protection
  - short-circuit protection

- **Specifications:**
  - Number of channels: 3
  - Display: 4x LED 3.5 digit
  - Output voltage: 0...30 V DC
  - Output current: 0...5 A
  - Display: 2x LED 4 digits
  - Number of channels: 1
  - Output voltage: 0...30 V DC
  - Output current: 0...20 A
  - Voltage (regulated) ripple and noise: ≤1 mVrms
  - Dimensions: 265 x 140 x 360 mm
  - Weight: about 13 kg
  - Power supply: 230V AC 50/60Hz

**AX-3003D and AX-3005D**
Single Output Laboratory Power Supply Units with LCD Display

- **Features:**
  - 2 LCD displays 2 x 3.5 digits
  - precise adjustment of current and voltage
  - short-circuit protection
  - overload protection
  - protection against connection to the PSU’s output a voltage with reverse polarisation
  - simultaneous readouts of voltage and current
  - very good regulation factor for current and voltage

- **Specifications:**
  - Display: LCD 2 x 3.5 digits
  - Output voltage DC: 0-30 V
  - Output current DC: 0-5 A
  - Line regulation: ≤0.01% ±1 mA
  - Noise and ripple: ≤1 mVrms
  - Mains supply: 230 V AC ± 10%
  - Dimensions: 291 x 158 x 136 mm
  - Weight: about 5 kg
  - Power supply: 230V 50 Hz

**AX-3003D-3 and AX-3005D-3**
Triple Output Laboratory Power Supply Units with LCD Display

- **Features:**
  - readable LCD displays 4 x 3.5 digits
  - short-circuit protection
  - programmable overload protection
  - simultaneous readouts of voltage and current
  - two controlled sections which may operate in current or voltage stabilisation mode, or as in series, parallel or independent power supplies - "TRACKING MODE" option
  - single output with fixed voltage 5 V / 3 A
  - very good regulation factor for current and voltage

- **Specifications:**
  - Display: 4x LCD 3.5 digits
  - Output voltage DC: 2 x 30 V
  - Output current DC: 2 x 3 A
  - Fixed output DC: 2 x 5 A (AX-3005D-3)
  - Line regulation: ≤0.01% ±1 mA
  - Load regulation: ≤0.5% ±1 mA
  - Noise and ripple: ≤1 mVrms
  - Mains supply: 230 V AC ± 10%
  - Dimensions: 385 x 265 x 164 mm
  - Weight: about 10 kg

**AX-3005DBL-3**
Single Output High Power Supply

- **Features:**
  - simultaneous voltage and current readout
  - voltage and current stepless adjustment

- **Specifications:**
  - Number of channels: 3
  - Display: 4x LED 3.5 digit
  - Output voltage: 0...30 V DC
  - Output current: 0...5 A
  - Output voltage 2: 0...30 V DC
  - Output current 2: 0...5 A
  - Voltage output: 0...30 V DC
  - Voltage (regulated) ripple and noise: ≤0.5mVrms
  - Voltage stabilisation: ≤0.02% ±2 mA
  - Current stabilisation: ≤0.02% ±2 mA
  - Weight: 16 kg
  - Power supply: 5V DC/3A

**AX-3020L**
Regulated DC High Power Supply

- **Features:**
  - simultaneous voltage and current readout
  - voltage and current stepless adjustment

- **Specifications:**
  - Number of channels: 1
  - Display: 2x LED 4 digits
  - Output voltage: 0...30 V DC
  - Output current: 0...20 A
  - Voltage (regulated) ripple and noise: ≤1 mVrms
  - Dimensions: 265 x 140 x 360 mm
  - Weight: 14 kg
  - Power supply: 230V 50/60Hz

**AX-3005DBL-3**
Triple Output Power Supplies

- **Features:**
  - simultaneous voltage and current readout
  - voltage and current stepless adjustment

- **Specifications:**
  - Number of channels: 3
  - Display: 4x LED 3.5 digit
  - Output voltage: 0...30 V DC
  - Output current: 0...5 A
  - Output voltage 2: 0...30 V DC
  - Output current 2: 0...5 A
  - Voltage output: 5V DC/3A
  - Voltage (regulated) ripple and noise: ≤0.5mVrms
  - Voltage stabilisation: ≤0.02% ±2 mA
  - Current stabilisation: ≤0.02% ±2 mA
  - Weight: 26 kg
  - Power supply: 230V 50/60Hz

**Test accessories:**
- clip-on probe type: with puncturing point
- test leads
- mains cable
Features:
- 4mm banana angled plug - needle probe
- nominal current: 10 A
- leads length: 1.2 m
- compliant with IEC1010 Cat. III 1000V
- colour: black and red
- set contents: 2x test lead
- lead insulation material: PVC

Specifications:
- Structure: 4 mm banana angled plug - test probe
- Rated current: 10 A
- Cable length: 1 m
- Wire cross-section: 0.75 mm²
- Conform to the norm: IEC 1010 1000V Cat III
- Plug dimensions: ø4 mm
- Wire insulation material: silicone
- Colour: red and black

AX-TLS-001 Silicone Test Leads with Angled Banana Plugs

Kit contents: 2x test lead
- Structure: 4 mm angled banana plug - test probe
- Rated current: 10 A
- Cable length: 1 m
- Wire cross-section: 0.75 mm²
- Conform to the norm: IEC 1010 1000V Cat III
- Plug dimensions: ø4 mm
- Wire insulation material: silicone
- Colour: red and black

AX-TLS-002 Silicone Test Leads with Angled Banana Plugs

Specifications:
- Structure: AX-TLP-005 Leads Set 1,2m
- 4mm Banana/Needle Measuring Tips
- AX-TLP-002 Test Leads with Two Banana Plugs
- AX-TLP-003 Test Leads Set 1,2m Banana Straight: Plug/Socket
- AX-TL-BNC-BNC Test Leads with BNC Plug - BNC Plug
- AX-TL-BNC-4BP2 Test Leads with Insulated BNC Plug and Two 4 mm Plugs
- AX-TL-BNC-CH2 Test Leads with Insulated BNC Plug and Two Grippers
- AX-TLS-002 Silicone Test Leads with Angled Banana Plugs

AX-TLP-TW-01 SMD Test Tweezers with Banana Plugs

Features:
- 4mm angled banana plug - SMD test tweezers
- cable length: 0.4 m
- colour: black

Distributor
Transfer Multisort Elektronik
Lódz, Poland, +48 42 645 54 44, export@tme.eu
Budapest, Hungary, +36 1 220 67 56, tme@tme.hu
Zlin, République tchèque, +420 59663 31 05, tme@tme.cz
Timisoara, Roumanie, +40 35 646 74 01, tme@tme.ro
Leipzig, Allemagne, +49 341 212 03 40, tme@tme-germany.de
Coslada, Madrid, Espagne, +34 911234771, iberica@tme.eu

www.axiomet.eu