

Air quality meters



#03077 Net Price: 110.00 USD Unit: pcs

Humidity, temperature, carbon dioxide data logger

This data logger measures and stores relative humidity, temperature and carbon dioxide concentration readings. You can easily set up logging parameters and download recorded data into PC's USB port. It has a large LCD display with a backlight.

Display: 3.5" LCD LCD backlight: yes Temperature: $-10 + 70^{\circ}$ C +/- 0.6°C Humidity: 0.1 + 99.9% +/- 3% RH Carbon dioxide: 0 + 9999ppm +/- (50ppm + 5%)

Humidity: 0.1 + 99.9% +/- 3% RH Carbon dioxide: 0 + 9999ppm +/- (50ppm + 5%) Logging memory: 12700 Power: 4x 1.5V AA or by USB port Other: USB interface, Windows 8.1/10 software included



PM10, PM2.5 detector

This device measures the content of PM2.5 and PM10 dust particles in the air.

PM10 dust is a mixture of airborne particles with a diameter of less than 10 micrometers. These particles can reach the upper respiratory tract and lungs. The acceptable average daily concentration for PM10 dust is 50 µg / m3.

PM2.5 dust contains particles smaller than 2.5 micrometers in diameter. These particles, in addition to penetrating the upper and lower respiratory tract, can also enter the blood. The acceptable average daily concentration for PM2.5 dust is 25 μ g / m3.

The meter is equipped with a laser detector that counts suspended dust particles. Measurement takes 50 seconds. After its completion, the result is presented in numerical and graphic form on a colored air quality scale.

Display: 2.8" LCD, 320x240 color Temperature: $0 + 50^{\circ}$ C +/- 0.5°C Humidity: 0.1 + 99.9% +/- 3% RH PM10, PM2.5 detection: $0 + 1000 \mu$ g/m3 +/- 12% Sampling time: 50 s Memory: 999 sets Power: 9V, 6F22



#03076

Net Price:

Unit: pcs

169 00 USD

#03061 Net Price: 33.20 USD Unit: pcs

PM2.5 detector

This small, portable meter measures the content of PM2.5 dust particles in the air and shows the current concentration of PM2.5 suspended dust on a clear LCD display.

PM2.5 dust contains particles smaller than 2.5 micrometers in diameter. These particles, in addition to penetrating the upper and lower respiratory tract, can also enter the blood. The acceptable average daily concentration for PM2.5 dust is 25 μg / m3.

Display: LCD, 3 digits PM2.5 detection: 0 + 1000 µg/m3 +/- 10% Sampling time: 3 s Auto power off: yes Power: 3,7V 450mAh Lithium battery





#09348 Net Price: 34.10 USD Unit: pcs

MM65C - Digital Multimeter with autorange and True RMS

True RMS digital multimeter that has illuminated measurement sockets to avoid incorrect connection of the test leads.

Max. LCD display: 1999 Range selection: manual DC voltage: 200m/2/20/200/1000 V +/- 0,5%+3 AC voltage: 200m/2/20/200/1000 V +/- 0,8%+5 DC current: 200u/20m/10 A +/- 0,8%+3 AC current: 200u/20m/200m/10 A +/- 2,0%+5 Resistance: 200/2k/20k/200k/2M/20M Ω +/- 0,8%+3 Capacitance: 200/2k/20k/200k/2M/20M Ω +/- 0,8%+3 Capacitance: 200/2k/20k/20/20u/200u/2m/20m F +/- 5,0%+5 Temperature: -20+100°C +/- 1,0%+4 Diode test: yes Continuity test: yes Auto power off: yes Data hold: yes Back light: yes Incorrect plug protection: yes

NEW





MM65E - Digital Multimeter with autorange and True RMS

True RMS digital multimeter that has illuminated measurement sockets to avoid incorrect connection of the test leads.

Max. LCD display: 5999 Range selection: automatic, manual DC voltage: 600m/6/60/6001000 V +/- 0,5%+5 AC voltage: 600m/6/60/6001000 V +/- 1,2%+5 DC current: 600u/6000u/60m/600 mA/10A +/- 1,2%+5 AC current: 600/6/000u/60m/600 mA/10A +/- 1,5%+5 Resistance: 600/6k/60k/60k/60/k0M Ω +/- 0,8%+5 Capacitance: 6n/60n/600/6u/60/c0/m/60m F +/-4,0%+5 Frequency: 10/100/10/k/100/k1/M/10M H= -/- 1, 5%

Relative measurement: yes



#06152 Net Price: 248.00 USD Unit: pcs

FLUKE 114 - Digital Multimeter, True RMS, automatic range selection

FLUKE 114 is a measuring device enabling measurement of constant and alternating voltage (True RMS) and resistance. Perfect for quick fault diagnosis.

The set comes with a multimeter, test leads, a holster, a 9V battery (installed) and a user manual.

LCD display: 6000 Range selection: automatic/manual DC voltage: 600 V +/- 0,5% AC voltage: 600 V +/- 1% Resistance: 40 MΩ +/- 0,9% Continuity test: yes Auto power off: yes Data hold: yes True RMS: yes Back light: yes Battery indicator:yes Dimensions: 167 x 84 x 46 mm Guarantee: 36 months



Measuring Instruments



#06153 Net Price: 295.00 USD Unit: pcs

FLUKE 115 - Digital Multimeter, True RMS, automatic range selection

FLUKE 115 is a measuring device enabling measurement of measurement of DC and AC voltage and current, capacitance, frequency and resistance

The set comes with a multimeter, test leads, a holster, a 9V battery (installed) and a user manual.

battery (installed) and a user manual LCD display: 6000 Range selection: automatic/manual DC voltage: 600 V +/- 0.5% AC voltage: 600 V +/- 1% DC current: 10A +/- 1% AC current: 10A +/- 1,5% Resistance: 40 MΩ +/- 0.9% Capacitance: 10 mF +/- 1,9% Frequency: 50kHz +/- 0,1% Continuity test: yes Diode test: yes Auto power off: yes Data hold: yes Data hold: yes True RMS: yes Back light: yes Battery indicator:yes Dimensions: 167 x 84 x 46 mm Guarantee: 36 months



#06806 Net Price: 1 160.00 USD Unit: pcs

FLUKE 1587 - Digital Multimeter, True RMS, automatic range selection, insulation testing

FLUKE 1587 combines the functions of a digital insulation tester and a professional True RMS multimeter

The set comes with a multimeter, test leads, a C101 case, a set of alligator clips, a test probe and a user manual

LCD display: 6000 Range selection: automatic/manual Range selection: automatic/manual Insulation testing: range 0,1 MΩ do 2 GΩ, testing voltages 50/100/250/500/1000 V, short-circuit current 1mA, maximum capacitance 1µF DC voltage:1000 V +/- 0,09% AC voltage:1000 V +/- 2% DC current: 400mA +/- 0,2% AC current: 400mA +/- 1,5% Resistance:50 MΩ +/- 1,5% Resistance:50 MΩ +/- 0,9% Capacitance:10 mF +/- 1,2% Frequency:100kHz +/- 0,1% Continuity test: yes Didde test: yes Data hold: yes Data hold: ves True RMS: yes Back light: yes Battery indicator:yes

Dimensions: 203 x 100 x 50 mm



FLUKE 116 - Digital Multimeter, True RMS, automatic range selection

FLUKE 116 is a measuring device enabling measurement of constant and alternating voltage, microampere current, capacitance, frequency, resistance and temperature. Perfect for measurements in ventilation, air-conditioning and heating devices

The set comes with a multimeter, test leads, a holster, a 9V battery (installed) and a user manual. battery (installed) and a user manual LCD display: 6000 Range selection: automatic/manual DC voltage: 600 V +/- 0,5% AC voltage: 600 V +/- 1% DC current: 600 μ A +/- 1,5% AC current: 600 μ A +/- 1,5% Resistance: 40 M Ω +/- 0,9% Capacitance: 10 mF +/- 1,9% Frequency: 50kHz +/- 0,1% Temperature: -40 ÷ 400 °C +/- 0,1% Continuity test: yes Diode test: yes Auto power off: yes Data hold: yes True RMS: yes Back light: yes Battery indicator:yes Dimensions: 167 x 84 x 46 mm



Guarantee: 36 months

#06128 Net Price: 360.00 USD Unit: pcs

FLUKE 175 - Digital Multimeter, True RMS, automatic range selection

FLUKE 175 is a universal measuring device enabling measurement of basic quantities such as current, voltage and resistance as well as measurement of capacitance and frequency

The set comes with a multimeter, TL75 test leads, a 9V battery (installed) and a user manual. battery (installed) and a user manual LCD display: 6000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,15%, AC voltage: 1000 V +/- 1%, DC current: 10 A +/- 1,0% AC current: 10 A +/- 1,0% AC current: 10 A +/- 1,5% Resistance: 50 MΩ +/- 0,9% Capacitance: 10000 μ F +/- 1,2% Frequency: 100 kHz +/- 0,1% Diode test: yes Auto power off: yes Auto power off: yes Data hold: yes True RMS: yes Relative measurement: ves Back light: no Dimensions: 185 x 90 x 43 mm Guarantee: lifetime from manufacturer





#06155 Net Price: 370.00 USD Unit: pcs

FLUKE 117 - Digital Multimeter, True RMS, automatic range selection, voltage detector

FLUKE 117 is a measuring device enabling measurement of direct and alternating voltage and current, capacity, frequency, resistance and temperature. Additionally, it is equipped with a non-contact voltage detector.

The set comes with a multimeter, test leads, a 9V battery (installed) and a user manual

LCD display: 6000 Range selection: automatic/manual DC voltage: 600 V +/- 0,5% AC voltage: 600 V +/- 1% DC current: 10A +/- 1% DC current: 10A +/- 1% AC current: 10A +/- 1,5% Resistance: 40 M Ω +/- 0,9% Capacitance: 10 MF +/- 1,9% Frequency: 50kHz +/- 0,1% Continuity test: yes Non-contact AC voltage detector: yes Diode test: yes Auto power off: yes Data hold: yes True RMS: yes Back light: yes Back light: yes Battery indicator:yes Dimensions: 167 x 84 x 46 mm Guarantee: 36 months



#06129 Net Price: 438.00 USD Unit: pcs

FLUKE 177 - Digital Multimeter, True RMS, automatic range selection

FLUKE 177 is a universal measuring device enabling measurement of basic quantities such as current, voltage and resistance as well as measurement of capacitance and frequency

The set comes with a multimeter, TL75 test leads, a 9V battery (installed) and a user manual.

battery (installed) and a user manual LCD display: 6000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,09%, AC voltage: 1000 V +/- 1% DC current: 10 A +/- 1,0% AC current: 10 A +/- 1,5% Resistance: 50 MΩ +/- 0,9% Capacitance: 10000 μ F +/- 1,2% Frequency: 100 kHz +/- 0,1% Diode test: yes Continuity test: yes Auto power off: yes Auto power off: yes Data hold: yes True RMS: yes Relative measurement: ves Back light: yes Dimensions: 185 x 90 x 43 mm Guarante: lifetime from manufacturer





#06130 Net Price: 488.00 USD Unit: pcs

FLUKE 179 - Digital Multimeter, True RMS, automatic range selection

FLUKE 179 is a universal measuring device enabling measurement of basic quantities auch as current, voltage and resistance as well as measurement of capacitance and frequency.

The set comes with a multimeter, TL75 test leads, a 9V battery, a temperature probe and a user manual.

LCD display: 6000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,09%, AC voltage: 1000 V +/- 1% DC current: 10 A +/- 1,5% Resistance: 50 MQ +/- 0,9% Capacitance: 10000 μ F +/- 1,2% Frequency: 100 kH2 +/- 0,1% Temperature: -40 + 400°C +/- 1,0% Diode test: yes Continuity test: yes Auto power off: yes Data hold: yes True RMS: yes Relative measurement: yes Back light: yes Dimensions: 185 x 90 x 43 mm Guarantee: lifetime from manufacturer



972.00 USD Unit: pcs

#06219

Net Price

FLUKE 289 - Digital Multimeter, True RMS, automatic range selection, PC interface

FLUKE 289 is a measuring device enabling measurement of AC and DC voltage and current, capacitance, frequency, resistance, conductance and temperature. It is equipped with a memory that stores 10,000 measurement results.

a memory that stores 10,000 measureme LCD display: 50000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,025% AC voltage: 1000 V +/- 0,025% AC current: 10A +/- 0,15% AC current: 10A +/- 0,15% AC current: 10A +/- 0,05% Conductance: 500 mF +/- 1,0% Capacitance: 50 mF +/- 1,0% Capacitance: 50 mF +/- 1,0% Continuity test: yes Diode test: yes Diode test: yes Diode test: yes Data hold: yes True RMS: yes Back light: yes Battery indicator:yes PC interface: yes Dimensions: 203 x 100 x 50 mm



FLUKE 233 Remote Display Multimeter

The NEW Fluke 233 True-rms Remote Display Digital Multimeter gives you utimate flexibility in unusual measurement scenarios. Place the removable display where you can see it and then put the meter where it is convenient for you-no more juggling of leads and the meter while stretching into a tight spot. You can now take measurements in hard-to-reach places, where machines or panels are physically separated from a limit or isolator switch, or in user prohibited areas such as clean rooms or hazardous areas. LCD display: 6000 Range selection: automatic/manual True RMS AC: Yes Record of measurements: Min/Max/Average DC voltage: 0,1 mV do 1000 V +/- 0,25% AC voltage: 0,1 mV do 1000 V +/- 1,0% DC current: 1 mA do 10 A +/- 1,5% Resistance: 0,1 Ω do 40 M Ω Capacitance: 1 nF do 9999 μ F Frequency: 5 Hz - 50 kHz (Vac), 45Hz - 50kHz (Aac) Temperature: -40°C do +400°C Power: AA batteries - Three for main body; two for display Battery life: 400h Wireless frequency: 2.4 GHz ISM Band 10 meter range



Net Price: 605.00 USD Unit: pcs

#06158

FLUKE 77IV - Digital Multimeter, automatic range selection

FLUKE 77IV is a measuring device enabling measurement of basic electrical parameters. It has a large, readable display with a bargraph, which makes it easier to notice changes in the measured value.

Thes set comes with a multimeter, test leads, a 9V battery and a user manual.

LCD display: 3200 Range selection: automatic/manual DC voltage: 1000 V +/- 0,3% AC voltage: 1000 V +/- 2,0% DC current: 10A +/- 1,5% AC current: 10A +/- 2,5% Resistance: 50 MQ +/- 2,5% Capacitance: 99,99 μ F +/- 1,2% Frequency: 99,99 ME +/- 0,1% Continuity test: yes Diode test: yes Auto power off: yes Data hold: yes Back light: yes Dimensions: 190 x 89 x 45 mm Power: 9V battery (GF22) Guarantee: Unlimited **#04059** Net Price: 488.00 USD Unit: pcs



#06218 Net Price: 895.00 USD Unit: pcs

FLUKE 287 - Digital Multimeter, True RMS, automatic range selection, PC interface

FLUKE 287 is a measuring device enabling measurement of AC and DC voltage and current, capacitance, frequency, resistance, conductance and temperature.

The set comes with a multimeter, test leads, 6 AA batteries (installed) and a user manual.

(installed) and a user manual. LCD display: 50000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,025% AC voltage: 1000 V +/- 0,4% DC current: 10A +/- 0,66% Resistance: 500 MΩ +/- 0,05% Conductance: 50 nS +/- 1,0% Capacitance: 100 mF +/- 1,0%% Frequency: 1MHz +/- 0,005% Temperature: -200 + 1350 °C +/- 1,0% Continuity test: yes Diode test: yes Auto power off: yes Data hold: yes True RMS: yes Back light: yes Battery indicator:yes PC interface: yes Dimensions: 203 x 100 x 50 mm



#06159 Net Price: 812.00 USD Unit: pcs

FLUKE 83V - Digital Multimeter, True RMS, automatic range selection

FLUKE 83V enables precise measurement of voltages and frequencies in equipment prone to electrical noise. Additionally, it is equipped with signaling of incorrect connection of wires and the possibility of relative measurements.

The set comes with a multimeter, test leads, a holster, a 9V battery, two alligator clips and a user manual.

battery, two alligator clips and a use LCD display: 6000 Range selection: automatic/manual DC voltage: 1000 V +/- 0,1% AC voltage: 1000 V +/- 0,1% AC voltage: 1000 V +/- 0,4% AC current: 10A +/- 0,4% AC current: 10A +/- 1,2% Resistance: 20 MQ +/- 0,4% Conductance: 60 nS +/- 1,0% Capacitance: 10 mF +/- 1,0% Frequency: 200kHz +/- 0,005% Continuity test: yes Diode test: yes Diode test: yes Data hold: yes Battery indicator:yes Dimensions: 200 x 95 x 48 mm Power: 9V battery (6F22) Guarantee: Unlimited





Net Price: 708.00 USD Unit: pcs

#06160

FLUKE 87V - Digital Multimeter, True RMS, automatic range selection

FLUKE 87V enables precise measurement of voltages and frequencies in equipment prone to electrical noise. Additionally, it is equipped with signaling of incorrect connection of wires and the possibility of relative measurements.

The set comes with a multimeter, test leads, a holster, a 9V battery (installed), two alligator clips, a 80BK temperature probe and a user manual

LCD display: 19,999 LCD display: 19,999 Range selection: automatic/manual DC voltage: 1000 V +/- 0,1% AC voltage: 1000 V +/- 0,5% DC current: 10A +/- 0,4% AC current: 10A +/- 0,4% Conductance: 60 nS +/- 1,0% Crapacitance: 10 mF +/- 1,0% Frequency: 2004Hz +/- 0,005% Temperature: -200 + 1090 °C +/- 1.0 Temperature: -200 + 1090 °C +/- 1,0% Continuity test: yes Relative measurement: yes Auto power off: yes Date test: yes Data hold: yes True RMS: yes Back light: yes Backtery indicator:yes Dimensions: 200 x 95 x 48 mm

Clamp multimeters



Net Price: 1 140.00 USD Unit: pcs

#06805

FLUKE 355 - Digital Multimeter with pincers, True RMS

Digital Clamp Multimeter with pincers for resistance, AC/DC voltage and current measurement. Enables precise measurement of high currents- up to 2000A.

Range selection:automatic Range Selection: automatic AC voltage: 4+600 V + /-1%DC voltage: 4+1000 V + /-1%AC current: 40+1400 A + /-1,5%DC current: 40+2000 A + /-1,5%Resistance: $400 \Omega + 400 k\Omega + /-1,5\%$ Frequency: 5Hz + 1kHzTrue RMS: yes Sound signal:yes Data hold:yes Highlighted LCD:yes Battery indicator:yes Protection:yes Max. clamp set:58 mm Dimensions: 300 x 98 x 52 mm Power: 6x AA battery Weight: 814g



FLUKE 771 - Milliamp Process clamp meter

DC current: 4-20 mA +/- 0,2%, 10-50 mA +/- 1%

Power: 2x AA battery, avarage battery life 20h Weight: 260g Manufacturer: Fluke

Data hold:yes Highlighted LCD:yes Protection: IP 40 Dimensions: 212 x 59 x 38 mm

Enables measuring for programmable controllers and I/O

#06146 Net Price: 862.00 USD Unit: pcs



#06142 Net Price: 425.00 USD Unit: pcs

FLUKE 902 - Digital Multimeter with pincers, True RMS

analog control systems. Measures input signals from relays in the range of 4-20 mA without disconnecting the loop. Working altitude up to 2000m, working temperature -10 \div 50 ° C. Digital Clamp Multimeter with pincers for AC/DC voltage and current measurement. DC current measurement is possible after connecting test wires. Additionally, it enables the measurement of resistance, temperature, capacitance and frequency. It has an acoustic indicator of circuit continuity,the "HOLD" function (reading memory) and highlighted LCD display. Range selection:automatic AC voltage:600 V +/- 1% DC voltage:600 V +/- 1% AC current:600 A +/- 1% AC current:200 μ +/- 1% Resistance:up to 600 Ω +/- 1.5%, up to 6000 Ω +/- 1.5% Frequency: 5+400 Hz +/- 0.5% Temperature: -1 °° - 40°C +/- 1% Capacitance: 1 - 1000 μ F/- 1.9% Crest factor: 2.4 @ 500 A, 2.0 @ 600 A True RMS: yes Sound signal:yes Data hold:yes Highlighted LCD:yes Battery indicator:yes Range selection:automatic Highlighted LCD:yes Battery indicator:yes Protection:yes Max. clamp set:30 mm Dimensions: 38 x 79 x 41 mm Power: 2x AA battery



Max. LCD display: 5999 Range selection: automatic Insulation class: CAT II 1000V DC voltage: 600m/6/60/600/1000 V +/- 0,5% AC voltage: 600m/6/60/600/1000 V +/- 0,8% DC current: 600/1000 A +/- 2,5% AC current: 600/1000 A +/- 1,8% Resistance: 600/6k/60k/60k/60k/60M for 0 +/- 1,2% Frequency range: 60/66//60k/60k/60k/60M/60M Hz +/- 0,3% Capacitance: 60n/60/n0/60µ/60µ/60M F +/- 4% Temperature: -40+500°C +/- 1,0% Continuity test: yes Sampling time: 300ms Diode test: yes

Multimeter kits





Cable trackers



#03862 Net Price: 22 90 USD Unit: pcs

#08221

Net Price:

Unit: pcs

#02309 Net Price: 14.40 USD Unit: pcs

127.00 USD

Cable tester for multi-pairs cable (NOYAFA NF-811)

This wire tracker with a cable tester is a small and easy to use tool enabling long distance wiring tracing, patch cable order verifying, wiring voltage inspection.

Tested cabling: RJ-45, RJ-11 Additional functions: flashlight

Dimensions: Transmitter - 125x45x35 mm. Receiver -185x35x23 mm

Weight: 113g (without batteries) Power supply: Transmitter - 9V 6F22, Receiver - 9V 6F22



FLUKE PRO 3000 - Cable locator

The Pro3000 Analog Tone and Probe is the best choice for toning and tracing wires on non-active networks, specifically for identifying individual pairs with SmartToneTM technology. Angled bed-of-nails clips allow easy access to individual wires, and the RJ11 connector is ideal for use on telephone jacks. The large, loud speaker on the probe allows you to find wires quickly and easily behind drywall, wood, etc. Case attached

Transmitter Solid Frequency: 1000 Hz Over Voltage Protection: 60VDC Output Power in Tone Mode: 8 dBm 600Chms Output Voltage: 8 VDC dla pomiaru ciągłości Battery: 9V alkaline Case dimensions: 69 x 61 x 36 mm Reciever

Reciever Battery: 9V alkaline Temp. operating: (-20 +60)C Temperatura storage: (-40 +70)C Dimmensions: 249 x 41 x 33 mm



Mastech MS6812A - Signal probe, link tester

The wire pair finder is designed to identify and search wires without disturbing their insulation.

Functions:

- searching for broken wires, searching for the place of cable damage,
detecting the ringing tone on telephone lines, - identification of the telephone line condition.

Transmitter signal: 1.5KHz Receiver signal: 100 - 300kHz Weight [transmitter/receiver]: 114 / 106g Dimensions [transmitter/receiver]: 145x35x25 / 238x43x26

mm Battery type: 6F22 9V Manufacturer: Mastech

Cable locators and detectors



Net Price: 121.00 USD Unit: pcs

#03869

Cable locator (NOYAFA NF-826)

nf-826 is ideal for tracing cables in walls/underground. This device can easily locate fuses and breakers on circuits or find interruptions and short-circuits in cables, for example in floor heating systems. It also easily detects live cables and traces metallic pipes

The kit includes a transmitter and a reciever.



Digital cable tracker and cable tester WT20B

The cable tracker is made for identifying and searching cables without breaching their insulation.

Thanks to the use of a digital signal, the sound heard in the receiver is free from any kind of interference that occurs when using analog finders.

Additionaly, the device enables displaying the network cable connection map and test PoE devices

Cables tested: RJ45, RJ11 Performed tests: connection map, crimping quality test (RJ45 and RJ11), port flash, PoE tests, NCV detecor Signal: digital

Output signal level: 15V p-p Battery type: 6F22 9V (transmitter), 3.7V 800mAh (toner)



IntelliTone 200 Pro - signal probe, cable tester (Fluke Networks MT-8200-60-KIT)

Tested cables: UTP_ETP_STP_RG59_RG6_CCTV Single pair test: yes Wiremap test: yes Detected malfunctions: break, short-circuit, crossed pairs, reverse pairs Detecting signals: Ethernet Detecting signals: Ethernet Detecting connected devices: hub, network card Additional features: locate cables from large distance (1 meter), precision locate cable pairs in wisps Operating humidity: 5% + 95%, non-condensing Power: 2x 9V 6F22 battery Warraby paired: 12 method

Warranty period: 12 months Manufacturer: Fluke Networks



Digital cable tracker WT25C

#09347

Net Price:

Unit: pcs

#02903

Net Price:

Unit: pcs

305.00 USD

34 40 USD

#08220 Net Price: 248.00 USD Unit: pcs

#03055

Net Price:

Unit: pcs

29 20 USD

IntelliTone 200 Probe (Fluke Networks MT-8200-63A) Interface: Main RJ45 port for mapping all 4 UTP / STP cabling

pairs. Dimensions: 222x48x32 mm Display: 8x LED, 1x Sync LED Control: Humbwheel switch, volume control wheel Auto power down: yes

Mastech MS5902 - Circuit breaker finder and socket tester

Thanks to the Circuit Breaker Finder/Socket Tester (MS5902) it is possible to check which fuse protects the socket without disconnecting the power supply.

The transmitting element can work in two modes: as a signal generator for the receiver and as a socket tester.





#04070 Net Price: 185.00 USD Unit: pcs

Mastech MS6818 - Cable locator

MS6818 is ideal for tracing cables in walls/underground. This device can easily locate fuses and breakers on circuits or find interruptions and short-circuits in cables, for example in floor heating systems. It also easily detects live cables and traces metallic pipes.

The kit includes a transmitter and a reciever. Transmitter Power: 6 x 1,5V battery Dimmensions: 190 x 89 x 42,5 mm Reciever LCD backlight: yes

Power: 1 x 9V battery Dimmensions: 241,5 x 78 x 38,5 mm Manufacturer: Mastech Warranty warrantya: 1 year

Pirometers



#06149 Net Price 210.00 USD Unit: pcs

FLUKE 561 - Infrared thermometer with thermocouple socket

Handy device for measuring the temperature of hard-to-reach, live or dangerously hot robjects. It also provides the possibility of contact measurement. Equipped with a laser viewfinder that allows you to track the measurement point.

The set includes a pyrometer, a K-type probe with Velcro, a portable bag and 2x AA batteries

Measurement range: -40 °C ÷ 550 °C +/- 1% Resolution: 0,1 °C Field of view: 12÷1 Typical distance to target: up to 5m Emissirity: regulated 0,3/0,7/0.95 Back light: yes Other: °C/°F display selection Power: 2x AA battery Guarante: 24 months Manufacturer: Fluke



#03040 Net Price: 155.00 USD Unit: pcs

Fluke 62 MAX+ - non contact thermometer

Professional, handheld, easy to use pyrometer for non-contact temperature measurement. Equipped with a laser sight, it analyses thermal radiation emitted by the examined bodies

Measurement range: -50 °C ÷ 650°C Resolution: 0.1 °C Field of view: 12÷1 Emissitivity: adjustable in the range of 0.1 ÷ 1.00 Power: AA battery Weight: 255g





Unit: pcs

Multifunctional detector / wall scanner (NOYAFA NF-518) Maximum detection depth Magnetic metal: 12cm Non-magnetic metal: 10cm Wood: 3.8cm



#06342 Net Price 590.00 USD Unit: pcs

FLUKE 566 - Infrared thermometer with thermocouple socket and memory

Handy device for measuring the temperature of hard-to-reach, live or dangerously hot robjects. It also provides the possibility of contact measurement. Equipped with a laser viewfinder that allows you to track the measurement point, a graphic display and the function of recording the measurement results.

The set includes a pyrometer, a K-type probe, a portable bag and 2x AA batteries Measurement range: -40 °C ÷ 650 °C +/- 1%, K type probe -270 °C ÷ 1372°C +/- 2,2 °C +/- 1% Resolution: 0,1 °C Field of view: 30+1

Typical distance to target: up to 15m Emissivity: regulated 0,10 ÷ 1,00 with step 0,01, in memory the emissivity table of typical materials Back light: yes Other: °C/°F display selection Memory: 20 measurement results with date and time Power: 2x AA battery Guarante: 24 months Manufacturer: Fluke



#03868 Net Price: 16.10 USD Unit: pcs

Forehead IR thermometer HT11D

Forehead Infrared Thermometers for non-contact body temperature measurement. The measurement is made from a distance of several centimeters. The device is characterized by high accuracy (0.2 ° C) and fast measurement time (0.5 seconds). It allows for quick and safe detection of increased body temperature.

Additionaly, it can measure the surface temperature of objects, so it can be used as a classic pyrometer

The device can be used for fast detection of people with increased body temperature, e.g. before entering a shop or office. Initial temperature measurement is possible from a distance of about 1 m. It is also possible to manually calibrate the thermometer readings

Warning! The HT11D thermometer is not a medical device. Always use a clinical thermometer when highly accurate body temperature measurements are required.

temperature measurements are required. Measurement range (Body): 32 °C + 42.5°C Measurement range (Surface): 0°C + 60.0°C Operation temperature range: 0°C + 40°C Resolution: 0.1 °C Accuracy: 0.2 °C Response time: 0.5 sec Back light: yes Data hold: yes Data hold: yes Auto power off: ves Power: 9V 6F22 battery



#06343 Net Price: 738.00 USD Unit: pcs

FLUKE 568 - Infrared thermometer with thermocouple socket and memory, PC USB interface

Handy device for measuring the temperature of hard-to-reach, live or dangerously hot robjects. It also provides the possibility of contact measurement. Equipped with a laser viewfinder that allows you to track the measurement point, a graphic display and the function of recording the measurement results. The recorded data can be analyzed by using the included software

The set includes a pyrometer, FlukeView Forms software, a USB port, a K-type probe, a portable bag and 2x AA batteries Measurement range: -40 °C ÷ 800 °C +/- 1% Measurement range: -40 °C + 800 °C +/- 1% Resolution: 0,1 °C Field of view: 50+1 Typical distance to target: up to 15m Emissirity: regulated 0,10 + 1,00 with step 0,01 Back light: yes Other: °C/°F display selection Memory: 99 measurement results with date and time PC interface: yes Software: isoluded EL ukoView Forms Software: included FLukeView Forms Power: 2x AA battery Guarante: 24 months



#03864 Net Price: 123.00 USD Unit: pcs

High temperature infrared thermometer

Professional, handheld, easy to use pyrometer for non-contact temperature measurement. Equipped with a laser sight, it analyses thermal radiation emitted by the examined bodies. It offers an unusually wide measuring range, up to $2200^{\circ}\,\text{C}$. Additionally, it enables precise contact temperature measurement with the K-type probe included in the kit.

Measurement range: -50 °C + 2200 °C Resolution: 0.1 °C < 1000°C, 1°C > 1000°C Measured values: max, min, max-min, average Range selection: automatic Field of view: 50+1 Field of view: 50+1 Back light: yes Laser power: < 1 mW Emissitivity: adjustable in the range of 0.1 ÷ 1.00 in 0.01 steps Battery indicator: yes Data hold: yes Auto power off: yes Memory: 100 readings Power: 9V 6F22 battery







#03068 Net Price: 215.00 USD Unit: pcs

ATC-02 - Thermal Imager

Thermal imaging cameras are used wherever temperature is important for the course of the assumed processes. Excessive heating of devices may indicate their malfunction. The implementation of preventive measures in the form of periodic inspections with the use of a thermal imaging camera enables the elimination of failures and downtime in production processes in many industrial plants. Thermal imaging cameras are used, among others, for inspections and tests of electricity distribution systems, electromechanical devices, buildings and roofs, tanks, pipes, valves and tanks.

The ATC-02 thermal imaging camera is ideal for controlling ventilation, air-conditioning and heating systems. It is also perfect for imaging the temperature of electrical switchboards, engine components, etc.

The infrared image is recorded by a matrix with a resolution of 60x60, the camera has a sensitivity of 0.15 ° C, thanks to which even the smallest temperature differences can be found in the thermal image. It also records the visible image, and thanks to the possibility of overlapping images recorded in the visible and infrared light bands, it makes it much easier to locate points of high or low temperature.

The temperature data is stored as a matrix of thousands of points. The obtained data can be analyzed both at the place of measurement and on a PC. The ATC-02 camera is equipped with a memory card reader that saves images in bmp format.

Field of view (FOV): 20° horizontal, 20° vertical Min focus distance: 0.5 m Thermal sensitivity (NETD): 0.15°C Detector type: 60x60 Temperature range: -20°C to 300°C +/- 2% or 2°C (whichever is grater) Emissivity: regulated Display: 2.4 inch large color LCD, IR-Fusion (infrared and classic picture at once) Refresh rate: 6Hz Color palettes: 3 Memory: 4GB microSD memory card File formats supported: BMP Power: 4x 1.5V AA battery Dimensions: 230x80x52 mm



ATC-02D - Thermal Imager

engine components, etc.

#03067 Net Price: 185.00 USD Unit: pcs



#03049 Net Price:

775.00 USD Unit: pcs

Flir C5 - Thermal Imager

Thermal imaging cameras are used wherever temperature is important for the course of the assumed processes. Excessive heating of devices may indicate their malfunction. The implementation of preventive measures in the form of periodic inspections with the use of a thermal imaging camera enables the elimination of failures and downtime in production processes in many industrial plants. Thermal imaging cameras are used, among others, for inspections and tests of electricity distribution systems, electromechanical devices, buildings and roofs, tanks, pipes, valves and tanks.

The Flir C5 WiFi Thermal Imager is ideal for searching and solving problems in buildings, electric installations and machines. Thanks to the detector resolution of 160x120 pixels, very good thermal sensitivity and a wide field of view, it will be perfect for detailed inspections, also from a considerable distance.

In addition, it allows communication with a smartphone via WiFi or with a computer via a micro USB port. Field of view (FOV): 54° horizontal, 42° vertical Min focus distance: 0.1 m Thermal sensitivity (NETD): 0,07°C Detector type: 240x180 Temperature range: -20° to 400°C +/- 3°C Emissivity: regulated Display: 3.5 inch large color LCD Refresh rate: 8.7Hz Color palettes: 6 File formats supported: JPEG with 14-bit measurement data Power: lithium-ion battery Additional: WiFi connectivity with mobile devices, micro USB

to locate points of high or low temperature. The temperature data is stored as a matrix of thousands of points. The obtained data can be analyzed both at the place of measurement and on a PC. The ATC-02D camera is equipped with a memory card reader that saves images in bmp format. Field of view (FOV): 33° horizontal, 33° vertical Min focus distance: 0.5 m

Thermal imaging cameras are used wherever temperature is

Excessive heating of devices may indicate their malfunction

periodic inspections with the use of a thermal imaging camera

enables the elimination of failures and downtime in production

cameras are used, among others, for inspections and tests of

The ATC-02D thermal imaging camera is ideal for controlling ventilation, air-conditioning and heating systems. It is also

perfect for imaging the temperature of electrical switchboards,

The infrared image is recorded by a matrix with a resolution of 32x32, the camera has a sensitivity of 0.15 ° C, thanks to which even the smallest temperature differences can be

found in the thermal image. It also records the visible image,

and thanks to the possibility of overlapping images recorded

in the visible and infrared light bands, it makes it much easier

electricity distribution systems, electromechanical devices,

The implementation of preventive measures in the form of

processes in many industrial plants. Thermal imaging

buildings and roofs, tanks, pipes, valves and tanks

important for the course of the assumed processes

Thermal sensitivity (NETD): 0.15°C Detector type: 32x32 Temperature range: -20°C to 300°C +/- 2% or 2°C (whichever is grater) Emissivity: regulated Display: 2.4 inch large color LCD, IR-Fusion (infrared and classic picture at once) Refresh rate: 6Hz Color palettes: 3 Memory: 4GB microSD memory card File formats supported: BMP Power: 4x 1.5V AA battery Dimensions: 230x80x52 mm



Measuring Instruments



#03041 Net Price: 2 390.00 USD Unit: pcs

Flir E6Pro - Thermal Imager

Thermal imaging cameras are used wherever temperature is important for the course of the assumed processes. Excessive heating of devices may indicate their malfunction. The implementation of preventive measures in the form of periodic inspections with the use of a thermal imaging camera enables the elimination of failures and downtime in production processes in many industrial plants. Thermal imaging cameras are used, among others, for inspections and tests of electricity distribution systems, electromechanical devices, buildings and roofs, tanks, pipes, valves and tanks.

The Flir E6 Pro Thermal Imager is ideal for searching and solving problems in buildings, electric installations and machines. Thanks to the detector resolution of 240x180 pixels, very good thermal sensitivity and a wide field of view, it will be perfect for detailed inspections, also from a considerable distance.

In addition, it allows access via WiFi to FLIR Ignite cloud. Field of view (FOV): 33°x25° Min focus distance: 0.36 m Thermal sensitivity (NETD): 0,05°C Detector type: 240x180 Temperature range: -20°C to 250°C +/- 2% or 2°C (whichever is grater) Emissivity: regulated Display: 3.5 inch large color LCD, touchscreen Refresh rate: 9Hz Color palettes: 7 File formats supported: JPEG with 14-bit measurement data Power: lithium-ion battery Additional: WiFi connectivity, bright LED flashlight

Distance meters



E-Sun EM58 - Digital distance meter, dual unit measurement

The EM58 uses two units - transmitting and receiving. It can take measurements by bouncing sound waves off flat surfaces such as walls or ceilings in the "single unit mode" or by sending infrared light signals to the remote unit and receiving sound waves back in "dual unit mode".

The measurement takes place as follows: when the Primeasurement is triggered, the main unit sends an infrared signal to the remote unit, which in turn transmits an ultrasonic signal. Thanks to this solution, the measurement system is less susceptible to interference caused by obstacles on the measurement line. Measurement method: ultrasonic Resolution: 0.01m Measurement range: 0.5 + 18m +/- 0.5% Measurement unit: meters or feet

Measurement unit: meters or feet Auto power off: yes Power: 9V 6F22 battery Dimensions: 150x75x42 mm, 120x77x28mm Weight: 130g, 95g

> #03877 Net Price: 32.20 USD Unit: pcs

Noyafa NF-272L - Digital distance meter 100m

Device allows to measure distance, height, area and volume. Accurate laser measurements up to 100 meters. Measurement method: laser Resolution: 0.001m Measurement range: 0.05 + 100m +/- 0.0015m Measurement unit: meters or feet Auto power off: yes Power: 3.7V built-in battery Dimensions: 119x50x26 mm Weight: 100g Manufacturer: Noyafa



Flir E6xt - Thermal Imager

Thermal imaging cameras are used wherever temperature is important for the course of the assumed processes. Excessive heating of devices may indicate their malfunction. The implementation of preventive measures in the form of periodic inspections with the use of a thermal imaging camera enables the elimination of failures and downtime in production processes in many industrial plants. Thermal imaging cameras are used, among others, for inspections and tests of electricity distribution systems, electromechanical devices, buildings and roofs, tanks, pipes, valves and tanks.

The Flir E6 WiFi Thermal Imager is ideal for searching and solving problems in buildings, electric installations and machines. Thanks to the detector resolution of 240x180 pixels, very good thermal sensitivity and a wide field of view, it will be perfect for detailed inspections, also from a considerable distance.

In addition, it allows communication with a smartphone via WiFi or with a computer via a micro USB port. Field of view (FOV): 45° horizontal, 34° vertical Min focus distance: 0.5 m Thermal sensitivity (NETD): 0,06°C Detector type: 240x180 Temperature range: -20°C to 250°C +/- 2% or 2°C (whichever is grater) Emissivity: regulated Display: 3.0 inch large color LCD Refresh rate: 9Hz Color palettes: 3 File formats supported: JPEG with 14-bit measurement data Power: 3.6V lithium-ion battery Additional: WiFi connectivity with mobile devices, micro USB



#07524

Net Price

7.80 USD Unit: pcs

#03875 Net Price: 15.10 USD Unit: pcs

Noyafa NF-271 - Digital distance meter 50m

Device allows to measure distance, height, area and volume. Accurate laser measurements up to 50 meters. Measurement method: laser Resolution: 0.001m Measurement range: 0.05 ÷ 50m +/- 0.0015m Measurement unit: meters or feet Auto power off: yes Power: 3*1,5V AAA battery Dimensions: 119x50x26 mm Weight: 100g Manufacturer: Noyafa

#03084 Net Price: 2 330.00 USD Unit: pcs

#03042 Net Price: 2 950.00 USD Unit: pcs

Flir E8 Pro - Thermal Imager

Thermal imaging cameras are used wherever temperature is important for the course of the assumed processes. Excessive heating of devices may indicate their malfunction. The implementation of preventive measures in the form of periodic inspections with the use of a thermal imaging camera enables the elimination of failures and downtime in production processes in many industrial plants. Thermal imaging cameras are used, among others, for inspections and tests of electricity distribution systems, electromechanical devices, buildings and roofs, tanks, pipes, valves and tanks.

The Flir E8 Pro Thermal Imager is ideal for searching and solving problems in buildings, electric installations and machines. Thanks to the detector resolution of 320x240 pixels, very good thermal sensitivity and a wide field of view, it will be perfect for detailed inspections, also from a considerable distance.

In addition, it allows access via WiFi to FLIR Ignite cloud. Field of view (FOV): 33°x25° Min focus distance: 0.36 m Thermal sensitivity (NETD): 0,04°C Detector type: 320x240 Temperature range: -20°C to 250°C +/- 2% or 2°C (whichever is grater) Emissivity: regulated Display: 3.5 inch large color LCD, touchscreen Refresh rate: 9Hz Color palettes: 7 File formats supported: JPEG with 14-bit measurement data Power: lithium-ion battery Additional: WiFi connectivity, bright LED flashlight

> #03876 Net Price: 20.00 USD Unit: pcs

Noyafa NF-271 - Digital distance meter 70m

Device allows to measure distance, height, area and volume. Accurate laser measurements up to 70 meters. Measurement method: laser Resolution: 0.001m Measurement range: 0.05 + 70m +/- 0.0015m Measurement unit: meters or feet Auto power off: yes Power: 31,5V AAA battery Dimensions: 119x50x26 mm Weight: 100g Manufacturer: Noyafa



Automotive multimeters		
#07534 Net Price: 19.00 USD Unit: pcs		
E-Sun EM288 - Automotive multitester The automotive multitester conviniently measures car electrics. It has an inbuilt magnet thanks to which it can be placed on the car body during measurements.		
The device enables: • battery voltage measurement, • checking the lights, • checking fuses, • flashlight function DC voltage measurement: 9 ÷ 35V Power supply: directly from the 12V battery (crocodile clips or sonnection to the cigarette lighter socket)		
Automotive battery testers		
·		
#03886 Net Price: 43.90 USD Unit: pcs		
Automotive battery tester LCD The automotive battery tester is designed for a stationary battery system. The tester is designed to give user information about the battery health, state of charge and discharge. The tester can quckly, easily and accurately: - provide battery health information; - provide the state of charge information; - check battery level; - check battery internal resistance and - check battery discharge capability. The tester have:		
- overload protection; - bad contact indication; - reverse polarity protection Calibrators		
#06244 Net Price: 1 870.00 USD Unit: pcs	#06491 Net Price: 3 400.00 USD Unit: pcs	#063 Net Pric 1 770.00 US Unit: p
FLUKE 715 - (V/mA) Calibrator Enables measuring signals in a current loop and output voltage signals from programmable controllers (PLC), transmitters. DC current: 0-24 mA +/- (0,015%+2), DC voltage: 0-20V +/- 0,01%+2), Voltage source: 0-100mV and 0-10V Loop power supply during mA measurement: 24V Dimensions: 201 x 98 x 52 mm Power: 9V battery Weight: 0,6kg Manufacturer: Fluke	 FLUKE 725 - Temperature Calibrator The FLUKE 725 Temperature Calibrator enables testing and calibration of almost any temperature gauge. The set includes a calibrator, TL75 test leads, AC72 measuring grippers and a pair of test leads with double-sided plugs for "tower" connection. Measurements Voltage: 030V +/- (0.02% + 2 cyfry) Current: 024mA +/- (0.02% + 2 cyfry) Resistance: 03200Ω Thermocouples: J/K/T/E/L/N/U/B/R/S RTD: Ni120 (672), Pt100/200/500/1000 (385), Pt100 (3916), Pt100(3926) Source Voltage: 010V, max obciążenie 1mA Voltage: 010V, max obciążenie 1mA Voltage: N/L7/E/L/N/U/B/R/S RTD: Ni120 (672), Pt100/200/500/1000 (385), Pt100 (3916), Pt100(3926) Other Dimmensions: 200 x 96 x 47 mm Power: 6x bateria 1,5V AA (R6) Weight: 0.65kg 	FLUKE 789 - ProcessMeter The FLUKE 789 ProcessMeter has all the functions of a professional multimeter and a loop calibrator. Thanks to the inbuilt loop supply, no additional voltage source is needed when checking relays. The device is made of very durable materials. Multimeter Range selection: automatic/manual DC voltage: 1000 V +/- 0,1% AC voltage: 1000 V +/- 0,1% AC voltage: 1000 V +/- 0,5% DC current: 30mA +/- 0,05% AC current: 30mA +/- 0,05% Continuity test: yes Frequency: 200kHz +/- 0,005% Continuity test: yes True RMS: yes Calibrator Current source: 0-20 mA and 4-24 mA +/-0,05% of range Loop supply: 24V Step: auto / manual Other PC Interface: yes (infrared) Dimensions: 203 x 100 x 50 mm Power: 4 x 1,5V AA battery



#06474

Net Price: 160.00 USD Unit: pcs

Other multimeters & accessories



Fluke 80PK-25 Piercing Probe Sharp, "K" type thermocouple suitable for the food industry, liquids and gels. Measurement range: -40..350°C Length: 102mm Manufacturer: Fluke



Measurement range: -127 ÷ 600°C Sensor type: belt Manufacturer: Fluke

Fluke 80PK-27 Industrial Surface Probe

K type thermocouple for surface work and hard conditions.

#06915 Net Price: 545.00 USD Unit: pcs



#06762 Net Price: 152.00 USD Unit: pcs

Immersion Probe Fluke 80PK-22 Immersion thermocouple for liquids and gels. Measurement range: -40..1090°C Length: 213mm Manufacturer: Fluke

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