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## **Product Catalog**

# **Multimeters**

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MASTECH

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Simply Relia

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## ATTEN<sup>®</sup>

## Atten Multimeters

Code	Name	Description	Price (EUR)*
335806	ATW10A	Digital Multimeter ATW10A	7.87

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Simply Reliable

#### **GW** Instek Multimeters

Code	Name	Description	Price (EUR)*
330840	Instek GDM-396	The Instek GDM-396 digital multimeter (also called multitester) is an true RMS, auto- and manual-ranging meter that measures voltage, current, resistance, capacitance, duty cycle, and frequency, and performs diode and continuity tests in electrical applications. An audible continuity sensor confirms a circuit conducts electricity, and a diode test detects proper functioning of a circuit's diodes. The meter measures duty cycles to 99%, indicating the percent of time a circuit is on. Fuse protection on the 10-amp range provides added safety in high-energy environments.	19.10
330735	Instek GDM-394	The Instek GDM-394 digital multimeter (also called multitester) is an average-sensing, auto- and manual-ranging meter that measures voltage, current, resistance, capacitance, duty cycle, and frequency, and performs diode and continuity tests in electrical applications. An audible continuity sensor confirms a circuit conducts electricity, and a diode test detects proper functioning of a circuit's diodes. The meter measures duty cycles to 99%, indicating the percentage of time a circuit is on. Fuse protection on the 10-amp range provides added safety in high-energy environments.	19.10
330736	Instek GDM-395	The Instek GDM-395 digital multimeter (also called multitester) is an average-sensing, auto- and manual-ranging meter that measures voltage, resistance, capacitance, duty cycle, and frequency, and performs diode and continuity tests in electrical applications. An audible continuity sensor confirms a circuit conducts electricity, and a diode test detects proper functioning of a circuit's diodes.	19.10
330168	Instek GDM-8246	The GDM-8246/8245 bench-top DMM series is equipped with a rich set of features. It offers 50,000 counts meter with large 7 segment LED dual display, which simultaneously shows two electrical characteristics in a single measurement: ACV plus frequency or dBm, DCV plus dBm or ACV ripple.	353.27
330731	Instek GDM-8251A	The Instek GDM-8251A benchtop digital multimeter (also called multitester) is a true RMS (root mean square), auto- and manual-ranging meter that measures voltage, current, resistance, frequency, and temperature, and performs continuity and diode tests in electrical applications. An audible continuity sensor confirms a circuit conducts electricity, and a diode test detects proper functioning of a circuit's diodes. The meter can also express AC and DC voltage in decibels (dB), the power ratio of decibels to milliwatts (dBm), and percent of the reading relative to a preset reference value. It also measures 2- and 4-wire resistance. The two-color VFD (vacuum fluorescent display) panel provides contrast and brightness for high visibility in lab and workshop settings.	19.10
330169	Instek GDM-8245	The GDM-8246/8245 bench-top DMM series is equipped with a rich set of features. It offers 50,000 counts meter with large 7 segment LED dual display, which simultaneously shows two electrical characteristics in a single measurement: ACV plus frequency or dBm, DCV plus dBm or ACV ripple.	278.21
330626	Instek GDM-451	The Instek GDM-451 digital multimeter (also called multitester) is an average-sensing, manual-ranging meter that measures voltage, current, resistance, capacitance, frequency, and temperature, and performs diode and continuity tests in electrical applications. An audible continuity sensor confirms a circuit conducts electricity, and a diode test detects proper functioning of a circuit's diodes. Temperature measurements are taken using a point-contact temperature probe (included) for temperatures from -40 to +1000 degrees C/-40 to +1832 degrees F. The LCD is backlit for use in low-light areas. A data hold function keeps a reading on the display for recording. The unit automatically turns off after a period of nonuse to conserve battery life, and a low-battery indicator signals when the meter's batteries need to be replaced.	47.08
330734	Instek GDM-8034	The GDM-8034 is the most affordable and cost-effective bench-top digital multimeter available today. A large 0.5" LCD display with 3 1/2 digits always provides a clear view of the measurement results.	131.31



Code	Name	Description	Price (EUR)*
330732	Instek GDM-8145	In terms of cost/performance ratio, the GDM-8145 yields one of the best choices among the DMMs in today's market. It is equipped with 4 1/2 digits, and a 0.5" LED display in a distinctive red color.	244.51
330738	Instek GDM-350A	The GDM-300/400 Series is powered by loads of mobile-oriented features: auto off function to save battery, large backlight display for clear view, rotary range selector and clear-cut push buttons to base operations, and temperature measurement for outdoor usage.	19.10
330733	Instek GDM-8135	In terms of cost/performance ratio, the GDM-8135 yields one of the best choices among the DMMs in today's market. It is equipped with 3 1/2 digits, 0.5" LED display in a distinctive red color. Measurement items include DC Voltage/Current, AC Voltage/Current, Resistance, Diode Test, and Continuity with Beeper.	181.11
330737	Instek GDM-356	The GDM-300/400 Series Hand Held DMM are a compact, high precision, battery operated multimeter series designed to meet most of the daily needs for design engineers as well as service engineers. The GDM-300/400 series design is driven by mobile-oriented features, such as automatic power down to preserve battery life, a large backlight display for crisp viewing, a rotary selector switch and clear-cut push buttons to ease operation. The basic functions match the depth of bench-top multimeters: fuse-protected current input, true RMS for accurate AC measurements, Auto ranging, Duty cycle, and Relative mode. These compact, reliable, and economical devices are ideal for any engineer.	19.10
335762	GDM-8342 USB	GW INSTEK rolls out the new generation Dual Measurement Multimeter the GDM-834x series, which has two models -GDM-8341 and GDM 8342. Its exceptional features include 50,000 counts, VFD dual-display, 0.02% basic DC voltage accuracy and a USB protocol connector to provide users with measurement precision, lucid data observation, and the convenience to connect with the personal computer.	I 389.90
35763	GDM-8341	GW INSTEK rolls out the new generation Dual Measurement Multimeter the GDM-834x series, which has two models -GDM-8341 and GDM 8342. Its exceptional features include 50,000 counts, VFD dual-display, 0.02% basic DC voltage accuracy and a USB protocol connector to provide users with measurement precision, lucid data observation, and the convenience to connect with the personal computer.	l 292.75
300712	Instek GDM-8261A	<ul> <li>[] 6 1/2 Digit Display[]1,200,000 counts</li> <li>[] DCV Basic Accuracy[]0.0035%</li> <li>[] Dual Measurements to perform two selected measurements simultaneously</li> <li>[] Bright Vacuum Fluorescent Display (VFD)</li> <li>[] Provide AC+DC Voltage or Current Measurement Functions</li> <li>[] 11 Measurement Functions &amp; 10 Math Functions</li> <li>[] High Resolution: Up to 100pA with DCI and 1nA with ACI Measurements</li> <li>[] Temperature Measurement (RTD &amp; Thermocouple) from -200°C ~ +1820°C</li> <li>[] High Transmission Speed: Up to 2,400 readings/sec through the USB</li> <li>[] Standard Interfaces[]USB, RS232C, Digital I/O</li> <li>[] Optional Interfaces[]GPIB or LAN</li> <li>[] Optional Scanner Card[]GDM-SC1 (V ch x16, I ch x2)</li> <li>[] Free PC software[]DMM Viewer , LabVIEW Driver</li> </ul>	712.80
300863	Instek GDM-350B	* 3 1/2 Digits 1999 counts * Manual Ranging * Continuity Beeper/Diode Test * Data Hold * hFE Test * Temperature Measurement * Capacitance, Frequency Measurement	14.30
300865	Instek GDM397	* 3999 Counts Auto/Manual Ranging * Capacitance, Frequency Measurement * Continuity Beeper/Diode Test * High Energy Fuse for 10A Range (GDM-461/397/394/396) * Data Hold/Relative Mode * RS232C (GDM-461/397/396)	62.40
300864	Instek GDM461	* 22000 Counts Auto/Manual Ranging * 3999 Counts Auto/Manual Ranging * Capacitance, Frequency Measurement * Continuity Beeper/Diode Test * High Energy Fuse for 10A Range * Data Hold/Relative Mode * True RMS * RS232C	71.50

HAMEG<sup>®</sup> Instruments

### Hameg Multimeters

Code	Name	Description	Price (EUR)*
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 $\ast$  Prices are in EUR and without VAT.



Code	Name	Description	Price (EUR)*
330029	Hameg HM8012	4¾-Digit Display with 50,000 Counts Basic Accuracy 0.05 % Max. Resolution: 1 0μV, 0.01 dBm, 10 nA, 10 mΩ, 0.1 °C Offset Function/Relative Value Measurement RS-232 Interface and Software included Mainframe HM8001-2 required for Operation	362.00
330054	Hameg HMC8012	5 ¾-Digit Display (480,000 Counts) Simultaneous Display of 3 Measurements, e.g. DC + AC + Statistics Up to 200 Measurements per Second DC Basic Accuracy 0,015%	26.25
330122	Hameg HM8112-3	6½-Digit Display (1,200,000 Counts) Resolution: 100 nV, 100 pA, 100 μΩ, 0.01 °C/F DC Basic Accuracy 0.003 % 2-Wire/4-Wire Measurements	964.35

## Sonel

## Sonel Multimeters

Code	Name	Description	Price (EUR)*
130667		Industrial multimeter CMM-40 was designed for the purpose of measurements of AC/DC voltage, AC/DC current, resistance, capacitance, frequency (electrical and electronic), duty cycle, temperature and also for testing diodes and continuity.	103.12

LINI-T.

## **UNI-T** Multimeters

Code	Name	Description	Price (EUR)*
160133	UNI-T UT120B	UT120B Digital LCD Pocket Volt Meter dte Voltmeter AC Tester Multimeter	362.00
160131	UNI-T UT120A	<ul> <li>Despite its low cost, the UNI-T UT120A is still capable of carrying out high accuracy measurements of various different electrical parameters!</li> <li>An ideal addition to any electrician's toolkit, the UT120A is easy to use, comes with built in test leads, has a large size LCD screen and has a rotary dial for quick selection of testing procedures.</li> <li>This multimeter can be used to measure DC voltage, AC voltage, resistance and frequency across multiple measurement ranges with a high degree of accuracy. It can measure the following: DC voltage - 400mV, 4V, 40V, 600V</li> <li>AC voltage - 4V, 40V, 400V, 600V</li> <li>Resistance - 4000hms, 40K0hms, 400k0hms, 4M0hms, 40M0hms</li> <li>Frequency - 10Hz - 10MHz</li> <li>Diode and continuity testing (with integrated buzzer) are also available. This multimeter is an autoranging tester and will automatically adjust its range as applicable to the measurement taking place.</li> </ul>	362.00
160130	UNI-T UT151G	A multimeter is an electronic measuring instrument that combines several measurement functions in one unit. Featured with high sensitivity AC/DC voltage DC current measurement, it can be applied to measure current, resistance and voltage. This multimeter can be a hand-held device useful for basic faults finding and field service work or a bench instrument which can measure to a very high degree of accuracy. With plastic holster and small and compact design, this multimeter is suitable for schools, factories, families, and amateur wireless lovers. This is the opportunity you've been waiting for!	362.00
160110	UNI-T UT151F	Multimeter Automotive Digital Multimeter UT151F	362.00
330243	UNI-T UT33D	UNI-T UT33D is a pocket size digital multimeter which can measure AC/DC voltage, DC current, resistance, tests diodes and checking continuity.	7.23



			Price (EUR)*
161106	UNI-T UT801	Digital Bench-Type Multimeter Model UT801 is the maximum reading 1999 and 3 1 / 2 digits and models is in manual range, DC / AC current type digital multimeter, This is also the extra large characters in LCD display backlight with full function, full measurement and full overload protection as well as a good product design outlook, In addition to all the conventional features include DC / AC voltage, DC / AC current, resistance, frequency, capacitance, temperature °C, Transistor hFE, diode and continuity buzzer.	964.35
161107	UNI-T UT802	The UNI-T UT802 DMM gives reliable, cost effective, full DMM capabilities measuring DC/AC Voltage, DC/AC Current, Resistance, Capacitance, Diode test, Temperature, and Frequency. This digital multimeter is designed for simple and efficient bench top use with reliable measurements.	362.00
61105	UNI-T UT81C	UNI-T UT81C 3.3" LCD Scope Digital Multimeter - Red + Deep Grey	362.00
160106	UNI-T UT 151E	Digital multimeter which measures AC/DC voltage,DC current,resistsnce,temperature and can be used for continuity and diode tests.	362.00
60951	UNI-T UT120C	UNI-T UT120C Portable 1.8" LCD Digital Multimeter - Grey + Red	362.00
320161	UNI-T UT61B	UNI-T UT61B 3 1/2 Digit Handheld Digital Multimeter with AC and DC current and voltage, resistance, capacitance, and an easy to read LCD display.	43.68
320158	UNI-T UT61C	The UNI-T digital multimeter provides a sophisticated measurement technology at a very good price / performance ratio. Different models cover the entire range, from the good entry-level model to precise measurement devices with a precision of 0.05% deviation.	45.45
160856	UT101 UNI-T	International items may be subject to customs processing and additional charges.	19.10
320157	UNI-T UT61D	The UT61D is a professional workbench TRUE RMS Digital Multimeter equipped to handle the most basic jobs to more advanced applications from a wide range of professional industry to electronic hobbyists. It's clear and crisp LCD gives a better readout even under the bright outdoors or from any angle perspective. The extra digit output reading also gives you a more precise measurement which is exceptional for a meter in this value price range. It has a wrapped around red rubber holster for easy grip and to protect it from unexpected knocks and falls.	49.77
160857	UT108 UNI-T	This digital automotive multimeter measures AC/DC voltage and current, resistance, frequency, capacitance, temperature, tach and dwell, and tests continuity and diodes.	47.08
160858	UT-109	RS232 Interface, PC-Software,Drehzahl- Schließwinkelmessung , Bargraph, Temperatur, 4000 Stellen, ab 0,01V ! UT109 NEW Auto-Range Digital Multimeter	48.45
.60100	UNI-T UT151B	Digital Multimeters UT151B	362.00
60998	UNI-T UT151A	Digital Multimeters UT151A	362.00
.60954	UNI-T UT151C	Digital Multimeters UT151C	362.00
130282	UT55 UNI-T	3 <sup>1</sup> / <sub>2</sub> digit LCD multimeter with 33 ranges including frequency, temperature, capacitance, continuity test, transistor and diode test. Supplied complete with test leads, point contact temperature probe, holster, battery and manua	40.26
60102	UNI-T UT151D	UT151D digital multimeter	362.00
61100	UNI-T UT118A	Uni T 118A Digital Pen Type Multimeter	362.00
130495	UNI-T UT70D	UT70D is an intelligent digital one, a precise instrument with a resolution of 80,000 counts and up-to-date automatic computer calibrating function. High resolution A/D converter and micro-controller data processing technique is adopted in the Meter, featured with intelligence, high precision and multi-functions. The Meter can be widely used in laboratory field service, domestic and other applications. All the functions and ranges have full overload protection.	109.09
160479	UNI-T UT71A	UNI-T UT71A Digital Multimeter is a high-quality multifunction pocket digital multimeter. This convenient portable device is powered from a 9 V battery. UNI-T UT71A multimeter is characterized by multiple measurements (voltage, current, resistance, capacitance, frequency) and tests (diode, continuity) and data hold function, peak hold function, auto ranging, relative measurements mode, analog bar graph, etc.	102.19
330809	UNI-T UT70C	This UNI-T UT70C digital multimeter is designed for measuring AC/DC current, AC/DC voltage, resistance, capacitance, frequency and can be used for continuity and diode tests.	81.47
130453	UNI-T UT70B	This UNI-T UT70B digital multimeter measures AC/DC current and voltage, resistance, capacitance, frequency, temperature, tests diodes and continuity.	62.14



Code	Name	Description	Price (EUR)*
130452	UNI-T UT70A	<ul> <li>(UT70A). A digital multimeter for AC/DC current and voltage, resistance, capacitance, inductance, frequency, temperature measurements and diode, continuity, transistor and TTL logic tests.</li> <li>This digital multimeter measures AC/DC current and voltage, resistance, capacitance, inductance, frequency, temperature and tests diodes, continuity, transistors and TTL logic.</li> </ul>	45.57
130240	UNI-T UT33A	Small enough to slip into the palm of one's hand, the UNI-T UT33A series multimeter is powerful enough to test to an acceptable level. A basic but very reliable device, the UT33A helps to check the electronic parts of your electrical equipment, such as DC voltage, AC voltage, DC current, resistance and temperature. The multimeter is small but packed with functionality.	12.29
330810	UNI-T UT71B	This digital multimeter measures AC/DC current and voltage, resistance, capacitance, inductance, frequency, temperature, tests diodes and continuity.	118.62
320190	UNI-T UT71D	Digital Multimeter UT71D is a 40000 counts and 4 3/4 digits with steady operations, fashionable structure and auto ranging instrument. They all not only can measure AC voltage and current, DC voltage and current, Resistance, Capacitance, Temperature, Frequency, Diodes, Continuity, 4~20mA Loop, Max/Min, Relative Mode but also has Data Store, Data Recall, AC True RMS, AC+DC,Low Battery Display, Double Display Backlight, Data Hold, Automatic Power Off and full overload protection.	. 140.85
161103	UNI-T UT90C	UNI-T UT90C is a digital multimeter is designed for measuring AC/DC current, AC/DC voltage, resistance, frequency and can be used for continuity and diode tests.	0.00
161104	UNI-T UT90D	Multímetro UNI-T UT90D mide corriente continua y alterna, voltaje AC/DC, resistencia y frecuencia. Sirve para chequear los diodos y continuidad de los circuitos.	0.00
161102	UNI-T UT90B	The UNI-T UT90B series digital multimeter measures AC voltage, DC voltage, AC current, DC current, resistance, capacitance, frequency and continuity.The UT90B internal battery has the added benefit of being able to be charged by solar power as well as AC or AC/DC. The solar panels below the display facilitates this function and adds to the environmentally friendly nature of the UNI-T UT90B multimeter.Digital Multimeter UT90A is in 1999 counts and 3 - 1/2 digits with large LCD	0.00
161101	UNI-T UT90A	screen, Full functional digital display and input connection prompt. All measurement full overload protection and unique appearance design	0.00
320191	UNI-T UT71E	<ul> <li>(UT71E). A digital multimeter for AC/DC current and voltage, resistance, capacitance, frequency, temperature, duty cycle, power measurements and diode and continuity tests.</li> <li>This digital multimeter measures AC/DC current and voltage, resistance, capacitance, frequency, temperature (°C and °F), duty cycle, and tests diodes and continuity.</li> </ul>	160.18
130249	UNI-T UT58A	The meter is a handled, battery-operated tool for measuring electrical parameters. It has all the features of a digital multimeter and measures AC voltage, DC voltage, AC current, DC current, resistance, capacitance, frequency and continuity check.	22.44
60474	UNI-T UT58B	The Sinometer UT58B is a digital Multimeter with high precision and accuracy. It comes with a large 2 Œ" X 2 Œ" back-lit LCD display with a unique and convenient feature showing where to plug in the test leads depending on the position of the rotary switch. It also has many other nice features such as Auto power-off, Data hold, Tilt back stand and etc	23.46
.30254	UNI-T UT60F	UT60F Auto Ranging Modern LCD Digital Multimeter With RS232C Frequency Tester Meter	39.73
30451	UNI-T UT60E	Ut60E True Rms Autoranging Digital Multimeter Rs232 PC Read more at http://www.tesco.com/direct/ut60e-true-rms-autoranging-digital-multimeter-rs232- pc/129-8063	48.07
330241	UNI-T UT33B	The UNI-T Digital Multimeter UT33B is a compact handheld multimeter for general use with a large easy to read display. Features data hold and can test diodes, resistance, voltage, current and batteries.	7.36
330842	UNI-T UT33C	This UNI-T UT33C pocket digital multimeter measures AC/DC current and AC voltage, resistance, temperature, tests diodes and continuity.	10.60
.30255	UNI-T UT60G	UT60G can be used to measure AC/DC voltage, current, resistance, capacitance, temperature, and frequency. It can also used to perform diode test, and continuity test. It is powered by a 9V battery(intalled) with many useful features such as back-lit LCD display, data hold, and auto power off.	43.82
130256	UNI-T UT60H	UT60H AC V/A Auto Range True RMS Digital Multimeter with Non-contact AC Voltage	66.88

\* Prices are in EUR and without VAT.



Code	Name	Description	Price (EUR)*
160578	UNI-T UT60D	UNI-T UT60D Multifunction Digital Multimeter If you are looking for an insulation multifunctional multimeter, here you have got a right place. This digital multimeter will satisfy you.The digital multimeter is perfect for professional or around-the-house use	41.84
160577	UNI-T UT60B	This versatile Digital USB Multimeter is suitable for use in laboratories and research institutions to perform services for the electronics engineer and technician on site	33.38
160576	UNI-T UT58D	This digital multimeter measures AC/DC current and voltage, resistance, capacitance, inductance, and tests diodes, continuity and transistors.	28.86
160475	UNI-T UT58C	The UT58C DMM is a very reliable hand-held digital multi-meter. The meter has a large 3.5" LCD that highlights to the user which sockets to plug test leads into. The meter comes complete with test leads and comprehensive instruction manual.	23.78
130052	UNI-T UT60A	The UT60A is an autoranging multimeter with RS232 interface enabling readings to be displayed on a PC. Features include fused 10A range, frequency, capacitance, data hold, selectable auto/manual ranging, continuity buzzer, full icon display, and low battery display.	35.71
130253	UNI-T UT58E	This digital multimeter measures AC/DC current and voltage, resistance, capacitance, frequency, temper and tests diodes, continuity and transistors.	43.35
130289	UNI-T UT60C	UNI-T UT60C General Type High Accuracy Handheld Digital Multimeter features high reliability, high security and complete functions. It is a perfect combination of measuring ACV, DCV, DC, AC, bandwidth, electric resistance, capacitance, frequency and temperature.	35.81
160470	UNI-T UT52	UNI-T UT52 Digital Multimeters AC DC Voltmeter Amp Ohm Capacitance Tester	15.96
160830	UNI-T UT71C	UNI-T UT71C 4 1/2 Digit TrueRMS Datalogging Handheld Digital Multimeter with AC and DC current and voltage, resistance, capacitance, and an easy to read LCD display.	121.52
130251	UNI-T UT50C	UNI-T UT50C Modern Digital Multimeter	24.16
130245	UNI-T UT50B	UNI-T UT50B Modern Digital Multimeter	21.68
30252	UNI-T UT50D	Modern Digital Multimeter UT50D	31.32
160473	UNI-T UT57	UNI-T UT57 Digital LCD Standard Precision Handheld Digital Multimeter	47.96
160472	UNI-T UT54	One kind of UNI-T brand UT50 series multimeters is a 3 1/2 digit with steady function and highly reliable hand-held measuring instrument. The meter uses large scale of integrated circuit with double integrated A/D converter as its core and has full range	18.78
130250	UNI-T UT50A	T he digital multimeter is a battery-powered, average responding-rms indicating multimeter. Digital Multimeter will test DC Voltage, AC Voltage, DC Current, AC Current, Resistance, Capacitance. Include Input Impedance for DC, Low Battery Display, Sleep Mode, Full Icon Display, Data Hold, Transistor, Continuity Buzzer, Diode fuction.	20.08
160471	UNI-T UT53	UNI-T UT53 Digital Multimeter is a high-quality multifunction digital multimeter. This convenient portable device is powered from a 9 V battery. UNI-T UT53 is characterized by multiple measurements (voltage, current, resistance, capacitance, temperature) and tests (diode, transistor, continuity) and auto power-off function.	18.09



## **MASTECH Multimeters**

Code	Name	Description	Price (EUR)*
130302	Mastech MS8268	The newly released Mastech MS8268 is an auto/manual ranging digital multimeter, complying with IEC 1010-1 (61010-1@IEC:2001), GAT. II 1000V and CAT. III600V overvoltage standards. It is equipped with misconnection alarm system. If the maximum range is repeatedly exceeded, a continuous audible signal warns the user in DCV, ACV, DCµA, ACµA, DCmA, ACmA, DC 10A and AC 10A functions. (Detailed English Manual included).	26.25
130560	Mastech MS8050	MASTECH MS8050 Professional high-accuracy digital multimeter. AC/DC root-mean-square measurement. PC interface. Display counts – 53000. Software automatic calibration. High sensitivity. Storage of 30 measurements.	19.10
130507	Mastech MAS830	The MAS830 digital multimeter is a compact, pocket-sized, 3.5 digit Multimeter that is ideal for use in the field, hobby, home and DIY applications.This meter is extremely convenient for the on the go professional that needs to do basic measurements.	26.25



Code	Name	Description	Price (EUR)*
130807	Mastech MAS830H	The instrument of this series is a small hand-held 3 1/2 digital multimeter featuring stable, highly reliable and anti-drop performance. It is provided with a LCD display of 15 mm height for clear reading. The circuit design takes LSI double integral A/D converter as its core under the protection of an overload protection circuit, making it a superior and handy instrument. It can be used to measure DC and AC voltage, DC current, resistance, diodes, transistors, temperature and for in-circuit continuity test.	47.08
61148	Mastech MY69	Mastech MY69 is a fully featured auto-range digital multimeter, you can use it to measure AC/DC voltage and current as well as resistance, frequency, capacitance and continuity.	40.26
30583	Mastech MY67	The Mastech MY67 Digital Multimeter is a complete piece of economical test equipment. It features an easy to read 3.5 digit LCD display. Each test position is quickly and easily selected with a simple turn of the single selector switch. Auto range is also supported.	48.45
30225	Mastech MY68	Auto-Ranging Digital Multimeter, MY68	362.00
30808	Mastech MAS830BH	Mastech MAS830BH (20-105) Digital Multimeter	47.08
130811	Mastech MS8260E	The Mastech MS8260E is a fully featured digital multimeter with all the functions you may need for your daily usage. Its 30-range rotary switch covers 10 different functions including AC/DC voltage and current, resistance, capacitance, inductance, diode check, continuity test and transistor check. This meter also has a built-in non-contact sensor for detecting AC voltage greater than 110 volts.	0.00
130810	Mastech MAS838BH	MASTECH MAS838 - it's economical digital multimeter with basic function package and temperature measurement option.	19.10
30630	Mastech MS8240D	MS8240D AUTORANGIND DIGITAL MULTIMETER	80.54
.30629	Mastech MS8240C	This is a very solid and versatile Digital Multimeter (DMM) manufactured by Precision Mastech. The MS8240C auto ranging DMM features a full scale count of 6000 and a 3 5/6 digit LCD display with 61 segment bar graph. This meter is designed to meet IEC1010-1 CAT III over voltage protection and implements a double insulation design.	46.81
20141	Mastech MS8265	MASTECH MS8265 2000 Counts LCD Digital Multimeter AC/DC Voltage Tester Resistance Transostor Detector	31.11
320142	Mastech MS8269	The MS8269 is a manual 31-range digital multimeter. It measures AC/DC voltage & current, resistance, capacitance, inductance, temperature and diode and transistor check.	20.11
320143	Mastech MS8228	MS8228 digital multimeter can test AC/DC voltage and current, frequency, capacitance, resistance and duty cycle	49.50
30628	Mastech MS8240B	MS8240B DIGITAL MULTIMETER	50.60
.30627	Mastech MS8240A	MS8240A - High Safety Digital Multimeter 3 1/2 digits LCD display with backlit. Capacitance, frequency, temperature and max. value measurement.	38.33
130812	Mastech MS8260G	The Mastech MS8260G is a high-end multimeter of the MS8260 series, it is a fully featured digital multimeter with all the functions you may need. Its 20-degree rotary switch covers 9 different functions including non-contact high AC voltage (higher than 110V) detection, AC/DC voltage, current, resistance, capacitance, frequency, duty cycle, temperature, diode, continuity and transistor (HFE) check.	45.92
.31516	Mastech MS8261	The Mastech MS8261 is a manual 30-range digital multimeter with a solid build and a nice feature set. It's a middle-of-the-road option with a robust build, targeted primarily at hobbyists.	20.83
30625	Mastech MS8040	MS8040 4 ½ Digit Autoranging Benchtop Multimeter RS232/USB	125.71
30626	Mastech MS8051	MS8051 5.5 Digit Precision Digital Multimeter	511.82
30581	Mastech MS6231	Digital engine tester Mastech MS6231 is used for car conditions diagnostic, especially for quality control of connects in electrical circuitry of transport unit. Display illumination is used for reading obtained data in the low visibility conditions. This tachometer meets with EN61010/IEC1010 CAT II 1000V / CAT III 600V requirements.	19.10
30371	Mastech MY61	A multimeter is an electronic measuring instrument that combines several measurement functions in one unit. Featured with high sensitivity AC/DC voltage DC current measurement, it can be applied to measure current, resistance and voltage. This multimeter can be a hand-held device useful for basic faults finding and field service work or a bench instrument which can measure to a very high degree of accuracy	48.45
30497	Mastech MS8217	Digital multimeter MASTECH MS8217 with wide temperature range provides measuring of pulse ratio, temperature, capacity and frequency. The device equipped with illuminated 3999 counts display. Automatic power off.	362.00
30467	Mastech MS8216DMM	MS8216 4000 COUNTS POCKET AUTORANGING DIGITAL MULTIMETER	362.00

\* Prices are in EUR and without VAT.



Code	Name	Description	Price (EUR)*
330452	Mastech MS8229	The newly released Sinometer MS8229 DMM is an improved and modified version of the widely praised Mastech MS8209, it combines a multimeter, a sound level meter, thermometer, luxmeter, humidity meter all in one. Also it is packed with many nice features such as temperature & humidity display, sound and light warning for the jacks and back-lit LCD Screen.	362.00
30549	Mastech MS8218	MS8218 is an auto-range 50,000 count true RMS digital multimeter with high accuracy and resolution. With its 24-bit A/D converter and single-chip micro-processer, it can measure AC/DC current and voltage up to 1000 volts and 10 amps and give you true RMS readings even if it's a mixed AC/DC signal. You can also use it to measure large resistor (upto 50MOhms) and capacitors (upto 5 mF). This meter comes with a RS232C port and compatible software, so you can easily hook it up with a computer to display, record and plot your measurement on your computer. Its graphic software has a unique dynamic scale so even a tiny variation will be reflected on the computer.	362.00
.30620	Mastech MS8211	The Mastech MS8211 is a pen-type digital multimeter with non-contact AC voltage sensor, it can measure AC/DC Voltage, Resistance, Diode and Continuity test. Its unique non-contact AC voltage sensor is a great feature for electric inspection, the maximum detection distance can be as far as 6 inches depending on the adjustable sensitivity.	362.00
30556	Mastech MS8230B	MS8230B AC DC Resistance Digital Multimeter with Diode	362.00
320144	Mastech MS8211D	Mastech MS8211D is a pen type digital multimeter which meets all of the IEC1010-1 safety requirements. Mastech MS8211D has auto/manual ranging, circuit shortage protection, and current overload protection.	17.18
.30553	Mastech MS8222C	The MasTech MS8222C ordinary handheld digital multimeters data keep backlight measured capacitance	362.00
30550	Mastech MS8220T	Auto ranging with Computer Interface, 6,000 counts full feature multimeter with RS232 interface, Carrying case.	362.00
20140	Mastech MY65	Digital multimeter Mastech MY65 with large 4 $\frac{1}{2}$ digits LCD display provides high accuracy, measuring of capacitance and frequency.	362.00
30233	Mastech MY64	This multi-function DMM has just about everything, including a low price. In addition to standard volt/current/res features, it also offers temperature, capacitance, frequency and diode/transistor testing.	362.00
30451	Mastech MS8264	Mastech MS8264 is a manual 30-range fully featured digital multimeter. It is capable of all standard functions including AC/DC Voltage and Current, Resistance, Capacitance, Frequency, Temperature and more. It's also packed with many nice features, such as back light, data hold, resettable fuse. No matter you are a professional or just a DIY hobbist, this is a great and affordable tool for your daily use.	362.00
30579	Mastech MS8221	The newly introduced Mastech MS8221 digital multimeter is a fully featured DMM, which can be used to measure AC/DC current and voltage, resistance, frequency, capacitance and temperature up to 1800 farenheit, as well as diode and transistor check and continuity buzzer.	362.00
.61149	Mastech MY60	Rugged Shell Design Large Digital LCD Display Tests AC/DC Voltage and Current, Resistance, Capacitance and Frequency Transistor Check, Diode and Continuity Test Data Hold and Auto Power Off	362.00
30552	Mastech MS8221C	The newly introduced Mastech MS8221C digital multimeter is a fully featured DMM, which can be used to measure AC/DC current and voltage, resistance, frequency, capacitance and temperature up to 1800 farenheit, as well as diode and transistor check and continuity buzzer. Accessories include test leads, AAA batteries X 3, thermo probe, multi-functional socket and user Manual.	362.00
.30551	Mastech MS8221B	<ul> <li>Mastech MS8221B Manual Range Digital Multimeter offers the ability to measure temperature, DC current, DC and AC voltage, frequency and resistance as well as to test transistor hFE. Mastech MS8221B has a large 31/2 LCD with maximum displayed value 1999. Mastech MS8221B Manual Range Digital Multimeter allows to test semiconductor diodes and troubleshoot wiring; the results can be recorded by means of DATA HOLD function. In comparison with the other models, the Mastech MS8221B ranges in this device are narrowed and AC current measurement is not available.</li> </ul>	362.00

FLUKE.

### **Fluke Multimeters**

Code	Name	Description	Price (EUR)*
130644	FLUKE 289	The Fluke 289 is the next generation high performance industrial logging multimeter designed to solve complex problems in electronics, plant automation, power distribution, and electromechanical equipment.	19.10

\* Prices are in EUR and without VAT.



Code	Name	Description	Price (EUR)*
131518	FLUKE 8845A	The Fluke 8845A Bench Top 6.5 digit Precision Multimeter has the precision and versatility to handle your most demanding measurements, on the bench or in a system. These meters are both high performance and feature rich, yet also remarkably easy to use.	1 024.86
3300248	FLUKE 8808A	The Fluke 8808A 5.5 digit multimeter dependably performs the most common measurements required by today's applications. Whether you are performing functional tests or making critical measurements on test points, using the limit compare mode with pass/fail indicators eliminates production mistakes, especially those where results are "on the edge	43.68
3300374	FLUKE 112	The Fluke 112 true-rms multimeter has all the basic measurement features and functions needed for every day tasks. Their simplicity and compact design, make them perfect for quick verifications for field service and contractor use. Features. 600 V measurement range. True-rms for accurate measurements. 10 amps continuous. Resistance and continuity. Frequency and capacitance. Min/Max to record signal fluctuations. Backlight for work in dim areas.	19.10
3300115	FLUKE 175	Fluke 175 digital multimeter give you True RMS voltage and current measurements, 6000-count resolution, manual and automatic ranging and provide frequency, capacitance, resistance, continuity and diode measurements.	19.10
131514	FLUKE 116	The Fluke 116 HVAC Multimeter features temperature and microamps measurements useful for heating, ventilation, air conditioning and refrigeration (HVAC/R) technicians. The Fluke 116 is a compact true-rms meter and has everything needed in an HVAC meter including temperature and microamp measurements to quickly troubleshoot problems with HVAC equipment and flame sensors.	26.25
131517	FLUKE 115	This auction is for a new:fluke multimeter model # 115. This MULTIMETER no returns on used productucts. This has 8 different readings to choose from. *continuity beeper. Key features :*600 v ac and dc	26.25
131513	FLUKE 114	The Fluke 117 has the features and functions professional electricians need to get their job done. The Fluke 117 is the ideal meter for demanding settings like commercial buildings, hospitals and schools. The compact design makes it easy to hold and use one-handed. Integrated VoltAlert <sup>™</sup> Technology allows testing for non-contact voltage directly from the meter to help get the job done faster. LoZ technology prevents false readings due to "ghost voltage" and helps accurately diagnose problems. Rely on the Fluke 117 to make your everyday measurements – up to 600 volts ac or dc, 40 MΩ, diode test and exceptionally fast continuity.	26.25
130603	FLUKE 110	The all-new 110 Series comprises of four true-rms DMMs each designed for specific users, so one is sure to match your needs. The compact instruments offer convenient one-handed operation and feature a backlit display with large, easy-to-read digits.	26.25
131526	FLUKE 27	The Fluke 27 II and 28 II digital multimeters define a new standard for operating in harsh conditions with the features and accuracy to troubleshoot most electrical problems. Both meters have IP 67 (waterproof and dustproof) rating, MSHA approvals, extended operating temperature range of -15 °C to +55 °C (5 °F to 131 °F, -40 °C for up to 20 minutes) and 95 % humidity, and have been designed and tested to withstand a 3 m (10 ft) drop. The Fluke 20 Series Multimeters are built to work in the toughest environments.	26.25
130645	Fluke 189	The 189 Data Logging Multimeter and Software Combo Pack provides a practical, affordable approach to achieve significantly improved maintenance performance. With the flexibility to monitor more than 20 different electrical functions plus temperature, it can help you increase your team's productivity and reduce downtime by helping you find your problems faster.	26.25
131519	Fluke 8846A	Fluke 8846A Bench Top 6.5 digit Precision Multimeter performs the functions you would expect to see in a multifunction DMM, including measuring volts, ohms, and amps. Basic V dc accuracy of up to 0.0024 %, 10 A current range, and a wide ohms range give you an unbeatable combination of measurement capability.	26.25
31252	Fluke 117	The Fluke 117 also includes the built-in VoltAlert non-contact voltage function. Located on the top of the meter above the LCD display, it's another feature handy for detecting the invisible. The VoltAlert function detects the presence of ac voltage, sounds an audible tone and activates a red LED indicator light on the top center of the LCD display. Using this feature before making a contact measurement can add an extra layer of safety.	26.25
130606	Fluke 177	The Fluke 177 is a true RMS digital multimeter. Comparatively it is a simpler multimeter that provides priority functions in a better and efficient way. AC/DC voltages, currents and resistance measurements are the major functions it acts on. In addition it tests continuity, and diodes. Frequency and capacitance measurement are also included in its functions. Like other fluke meters it's sturdily built and protected by an integrated holster. It looks great and is easy to use.	19.10



Code	Name	Description	Price (EUR)*
3300375	FLUKE 179	This Fluke 179 AC/DC True RMS Digital Multimeter has all the functions which are needed to move the majority of electrical and electro-mechanical defects and problems with heating or ventilation to the bottom. It is easy to use and structure in comparison to the original 70 Series Fluke several improvements, including the ability to conduct real effective measurements, more measurement functions, meeting the latest safety standards and a much larger and better-read display.	19.10

## Hyelec Multimeters

Code	Name	Description	Price (EUR)*
161161	Hyelec MS8233C	This Mastech MS8233C is a manually 19-range fully featured digital multimeter. It is capable of all standard functions including AC/DC Voltage and DC Current, Resistance, diode check, continuity test and temperature (°C & °F selectable). It uses back-lit LCD display with a maximum reading of 1,999. It adopts built-in non-contact AC voltage detector that will detect any AC voltage greater than 90V and send out flash warning.	362.00
161166	Hyelec MY62	MASTECH MY62 3 1/2 DIGITAL MULTIMETER	362.00
161163	Hyelec MS8233E	MS8233E DIGITAL MULTIMETER	362.00
161162	Hyelec MS8233D	MS8233D DIGITAL MULTIMETER	362.00
161160	Hyelec MS8233B	The Mastech MS8233B is a manual 19-range fully featured digital multimeter. It is capable of all standard functions including AC/DC Voltage and DC Current, Resistance, diode check & continuity test. It has a back-lit LCD display with a maximum reading of 1,999. It has a built-in non-contact AC voltage detector that will detect any AC voltage greater than 90V and send out flash warning.No matter you are a professional or just a DIY hobbyist, this is a great and easily affordable tool for your daily use.	362.00
161159	Hyelec MS8233A	This newly released model Mastech MS8233A is a manual 19-range fully featured digital multimeter. It is capable of all standard functions including AC/DC Voltage and DC Current, Resistance, diode check & continuity test. No matter you are a professional or just a DIY hobbyist, this is a great and easily affordable tool for your daily use.	362.00
161167	Hyelec MY63	A multimeter is an electronic measuring instrument that combines several measurement functions in one unit. Featured with high sensitivity AC/DC voltage DC current measurement, it can be applied to measure current, resistance and voltage. This multimeter can be a hand-held device useful for basic faults finding and field service work or a bench instrument which can measure to a very high degree of accuracy. With plastic holster and small and compact design, this multimeter is suitable for schools, factories, families, and amateur wireless lovers. This is the opportunity you've been waiting for!	362.00

## KJ Multimeters

Code	Name	Description	Price (EUR)*
512024	KJ70F	KJ70D/KJ70F Auto Ranging Digital Multimeter	22.08
512028	KJ6108	KJ6101/KJ6105/KJ6108 with Battery test Digital Multimeter	19.76
512031	KJ86A	KJ86A Pocket Digital Multimeter	4.65
512030	КЈ39	KJ39 Series Pocket Digital Multimeter	5.82
512029	KJ6013	KJ6103 4 1/2 digits, 19999counts, Digital Multimeter	13.94