	UNIVERSAL METER RD-23 KENDO	UNIVERSAL METER MM-3 DELTA OPTI	DIGITAL MULTIMETER MM-3 DELTA OPTI	UNIVERSAL METER RB-20 BEBEL 2mm	UNIVERSAL METER RB-30 BEBEL 3mm	UNIVERSAL METER RB-35 BEBEL 3mm	UNIVERSAL METER RB-37 BEBEL 3mm	CAR UNIVERSAL METER UT-105 UNI-T	CAR UNIVERSAL METER UT-107 UNI-T	CAR UNIVERSAL METER UT-118B UNI-T	UNIVERSAL METER UT-139C UNI-T	UNIVERSAL METER UT-139E UNI-T	UNIVERSAL METER UT-161B UNI-T	UNIVERSAL METER UT-161D UNI-T	UNIVERSAL METER UT-161E UNI-T	UNIVERSAL METER UT-171B UNI-T	UNIVERSAL METER UT-171C UNI-T	UNIVERSAL METER UT-181A UNI-T	UNIVERSAL METER UT-181B UNI-T	UNIVERSAL METER UT-181C UNI-T	UNIVERSAL METER UT-181D UNI-T	UNIVERSAL METER UT-181E UNI-T	UNIVERSAL METER UT-191E UNI-T	UNIVERSAL METER UT-191T UNI-T	UNIVERSAL METER UT-195D UNI-T	UNIVERSAL METER UT-197 UNI-T	UNIVERSAL METER UT-197A UNI-T	UNIVERSAL METER UT-197B UNI-T	UNIVERSAL METER UT-197C UNI-T	UNIVERSAL METER UT-197D UNI-T	UNIVERSAL METER UT-197E UNI-T	UNIVERSAL METER UT-197G UNI-T	UNIVERSAL METER UT-197H UNI-T	UNIVERSAL METER UT-197I UNI-T	UNIVERSAL METER UT-197J UNI-T	UNIVERSAL METER UT-197K UNI-T	UNIVERSAL METER UT-197L UNI-T	UNIVERSAL METER UT-197M UNI-T	UNIVERSAL METER UT-197N UNI-T	UNIVERSAL METER UT-197P UNI-T	UNIVERSAL METER UT-197Q UNI-T	UNIVERSAL METER UT-197R UNI-T	UNIVERSAL METER UT-197S UNI-T	UNIVERSAL METER UT-197T UNI-T	UNIVERSAL METER UT-197U UNI-T	UNIVERSAL METER UT-197V UNI-T

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Checking TTL logic states	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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USB		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Main features	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction • Built-in rectangular signal source with a frequency of 50 Hz and an output resistance of 47 kΩ	• NCV - electric field detection function, • Voltage tester function, • Large, easy to read LCD graphic display with backlight, • Low battery indicator, • Aesthetic and solid construction, • The set includes a practical case	• Large, readable LCD display with backlight, • Hold - stopping the meter reading • NCV - electric field detection function • Built in LED flashlight • Aesthetic and solid construction	• Large, readable LCD display with backlight, • Hold - stopping the meter reading • NCV - electric field detection function, • Aesthetic and solid construction, • Low battery level alarm	• Large, readable LCD display with backlight, • Hold - stopping the meter reading • NCV - electric field detection function, • Aesthetic and solid construction, • Low battery level alarm	• Large, readable LCD display, • Aesthetic and solid construction, • Low battery level alarm	• Large, readable LCD display, • Aesthetic and solid construction, • Low battery level alarm	• 12V battery voltage test, • Measurement of the closing angle of the DWELL, circuit breaker - 4Cyl, 6Cyl, 8Cyl, • RPM x 10 rotational speed measurement - 4Cyl, 6Cyl, 8Cyl, • The following items can be checked: - the ignition coil, high voltage wires, Hall effect sensor, crankshaft sensor, Lambda probe, temperature sensor, position sensor, MAP pressure sensor, MAP air flow sensor, EGR, stopping the meter reading, • Large, readable LCD display, • Aesthetic and solid construction, • Low battery level alarm	• 12V battery voltage test, • Measurement of the closing angle of the DWELL, circuit breaker - 4Cyl, 6Cyl, 8Cyl, • RPM x 10 rotational speed measurement - 4Cyl, 6Cyl, 8Cyl, • The following items can be checked: - the ignition coil, high voltage wires, Hall effect sensor, crankshaft sensor, Lambda probe, temperature sensor, position sensor, MAP pressure sensor, MAP air flow sensor, EGR, stopping the meter reading, • Large, readable LCD display, • Aesthetic and solid construction, • Low battery level alarm	• EP function - enables non-contact voltage detection up to wires, in the range of 50V - 1000V, • NCV • Hold - stopping the meter reading • Low battery indicator • Aesthetic and solid construction	• Hold - stopping the meter reading • NCV - relative measurement mode, • Large, readable LCD display, • Low battery indicator, • Aesthetic and solid construction, • Automatic shutdown after 30 minutes of inactivity	• Measurement of the battery discharge level: 9V, 12V, • NCV - electric field detection function, • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz, • Hold - stopping the meter reading, • Large, readable LCD display with backlight, • Aesthetic and solid construction	• Large, readable LCD display with backlight • EP function - enables non-contact voltage detection up to wires, in the range of 50V - 1000V, • Hold - stopping the meter reading • Low battery indicator • Aesthetic and solid construction	• Large, readable LCD display with backlight • Hold - stopping the meter reading • Low battery indicator • Aesthetic and solid construction	• NCV - electric field detection function, • Large, readable LCD display with backlight • Hold - stopping the meter reading • Low battery indicator • Aesthetic and solid construction	• NCV - electric field detection function, • Hold - stopping the meter reading, • Large, readable LCD display with backlight, • Aesthetic and solid construction, • Low battery level alarm	• Large, readable LCD display with backlight • Hold - stopping the meter reading • Aesthetic and solid construction	• Measurement of the battery discharge level: 9V, 12V, • NCV - electric field detection function, • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz, • NCV - relative measurement mode, • Hold - stopping the meter reading, • Writing the value MAX / MIN, • Large, readable LCD display with backlight, • Aesthetic and solid construction, • Low battery level alarm	• NCV - electric field detection function, • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz, • NCV - relative measurement mode, • Hold - stopping the meter reading, • Writing the value MAX / MIN, • Large, readable LCD display with backlight, • Low battery level alarm	• Large, readable LCD display with backlight • EP function - enables non-contact voltage detection up to wires, in the range of 50V - 1000V, • Hold - stopping the meter reading • NCV - relative measurement mode • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz, • Aesthetic and solid construction	• Large, readable LCD display with backlight • NCV - electric field detection function • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz, • Aesthetic and solid construction	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • Freezing the last reading, • Freezing the highest or lowest measurement, • Writing the value peak, REL - relative measurement, • Analog bargraph, • Possibility to save readings, access saved results and send them to a computer using the USB interface, • Large, easy to read LCD display with backlight, • The ability to draw a trend graph of changes in the measured value over time - the device can also use the device from continuous measurement, • Hold - stopping measurement results in the device memory, • Voltage level measurement 6dB/6mm, • Low battery level alarm, • Aesthetic and solid construction, • The set includes a practical case	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • Possibility to measure AC voltage using low measuring impedance (LoZ mode), • LPF function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 200 Hz, • Robust housing that meets the requirements of the IP65 "Index of Protection" class, • Freezing the last reading, • Freezing the highest or lowest measurement, • Flashlight built-in, • Freezing the highest or lowest measurement, • REL - relative measurement mode, • Analog bargraph, • Large, double LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes a practical case	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • Possibility to measure AC voltage using low measuring impedance (LoZ mode), • LPF function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 200 Hz, • Robust housing that meets the requirements of the IP65 "Index of Protection" class, • Freezing the last reading, • Freezing the highest or lowest measurement, • Flashlight built-in, • Freezing the highest or lowest measurement, • REL - relative measurement mode, • Analog bargraph, • Large, double LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes a practical case	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • Possibility to measure AC voltage using low measuring impedance (LoZ mode), • LPF function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 200 Hz, • Robust housing that meets the requirements of the IP65 "Index of Protection" class, • Freezing the last reading, • Freezing the highest or lowest measurement, • Flashlight built-in, • Freezing the highest or lowest measurement, • REL - relative measurement mode, • Analog bargraph, • Large, double LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes a practical case	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Aesthetic and solid construction	• Measurement of the battery discharge level: 12V 9V, 1.5V, • Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Automatic shutdown after 15 minutes of inactivity • Aesthetic and solid construction	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Automatic shutdown after 15 minutes of inactivity • Aesthetic and solid construction	• Freezing the last reading, • Freezing the highest or lowest measurement, • Writing the value peak, • REL - relative measurement mode, • Analog bargraph, • Possibility to save readings, access saved results and send them to a computer using the USB interface, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes short test leads with alligator clips, • The set includes a practical case	• Freezing the last reading, • Freezing the highest or lowest measurement, • Writing the value peak, • REL - relative measurement mode, • Analog bargraph, • Possibility to save readings, access saved results and send them to a computer using the USB interface, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • NCV - electric field detection function, • LIVE - voltage tester function, allows to quickly determine whether a cable or socket is live using only one pole, • Freezing the last reading, • Freezing the highest or lowest measurement, • Automatic shutdown after 15 minutes of inactivity, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • NCV - electric field detection function, • LIVE - voltage tester function, allows to quickly determine whether a cable or socket is live using only one pole, • Freezing the last reading, • Freezing the highest or lowest measurement, • Automatic shutdown after 15 minutes of inactivity, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Freezing the last reading • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Freezing the last reading • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Freezing the last reading • Aesthetic and solid construction	• Large, readable LCD display • Low battery level alarm • Freezing the last reading • Aesthetic and solid construction
Power supply	9V, type 6F22 battery - included	2 x 1.5V, type AAA/LR03 battery (not included)	9V, type 6F22 battery (not included)	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6LR61 battery - included	9V, type 6LR61 battery - included	1 x Battery type - CR2032 3V - included	CR2032 lithium battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR6/FR6 battery - included	2 x 1.5V, type AAA/LR6/FR6 battery - included	2 x 1.5V, type AAA/LR6/FR6 battery - included	2 x 1.5V, type AAA/LR6/FR6 battery - included	2 x 1.5V, type AAA/LR6/FR6 battery - included	Built-in battery 7.4V, 2200mah, the set includes a 10V / 500mA power supply with a USB connector for charging the battery	9V, type 6LR61 battery	9V, type 6LR61 battery	9V, type 6LR61 battery (included)	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x 1.5V, type AAA/LR03 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	9V, type 6F22 battery - included	2 x 1.5V, type AAA/LR03 battery	2 x 1.5V, type AAA/LR03 battery	x CR2032 lithium battery - included	2 x 1.5V, type AAA/LR03 battery - included	2 x CR2032 lithium battery - included	2 x 1.5V, type AAA/LR03 battery - included
Weight	0.18 kg	0.08 kg	0.2 kg	0.15 kg	0.17 kg	0.13 kg	0.11 kg	0.35 kg	0.35 kg	0.06 kg	0.08 kg	0.21 kg	0.21 kg	0.21 kg	0.25 kg	0.42 kg	0.42 kg	0.42 kg	0.42 kg	0.42 kg	0.42 kg	0.4 kg	0.4 kg	0.47 kg	0.26 kg	0.26 kg	0.28 kg	0.28 kg	0.2 kg	0.3 kg	0.3 kg	0.3 kg	0.3 kg	0.36 kg	0.36 kg	0.35 kg	0.38 kg	0.38 kg	0.34 kg	0.34 kg	0.1 kg	0.076 kg	0.114 kg
Dimensions	132 x 77 x 37 mm	62 x 152 x 22 mm	68 x 147 x 48 mm	60 x 75 x 32 mm	58 x 77 x 36 mm	52 x 68 x 27 mm	52 x 68 x 27 mm	76 x 67 x 39 mm	76 x 67 x 39 mm	180 x 26 x 22 mm	110 x 18 x 13 mm	18 x 77 x 47 mm	18 x 77 x 47 mm	18 x 77 x 47 mm	18 x 77 x 47 mm	177 x 63 x 57 mm	76 x 61 x 48 mm	76 x 61 x 48 mm	76 x 61 x 48 mm	76 x 61 x 48 mm	76 x 61 x 48 mm	226 x 104 x 53 mm	88 x 67 x 66 mm	88 x 67 x 66 mm	105 x 85 x 61 mm	134 x 77 x 47 mm	134 x 77 x 47 mm	134 x 77 x 47 mm	134 x 77 x 47 mm	203 x 98 x 56 mm	203 x 98 x 56 mm	203 x 98 x 56 mm	203 x 98 x 56 mm	179 x 88 x 39 mm	179 x 88 x 39 mm	203 x 93 x 60 mm	203 x 93 x 60 mm	203 x 93 x 60 mm	203 x 88 x 56 mm	203 x 88 x 56 mm	203 x 88 x 56 mm	117 x 77 x 18 mm	110 x 28 x 13 mm	110 x 58 x 35 mm
Manufacturer / Brand	KOMOT	SYIGAO	SYIGAO	REBEL Tools	REBEL Tools	REBEL Tools	REBEL Tools	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	UNI-T	REBEL Tools	UNI-T	UNI-T
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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