

# Precision Made Easy



**MULTIMETER**  
LIMIT 620



- Large LCD with 20 mm digits and backlight
- True RMS for accurate measurements of non-linear signals
- Non contact (NCV) voltage sensor
- Capacitance & temperature measurements
- Data transfer of measuring results to PC



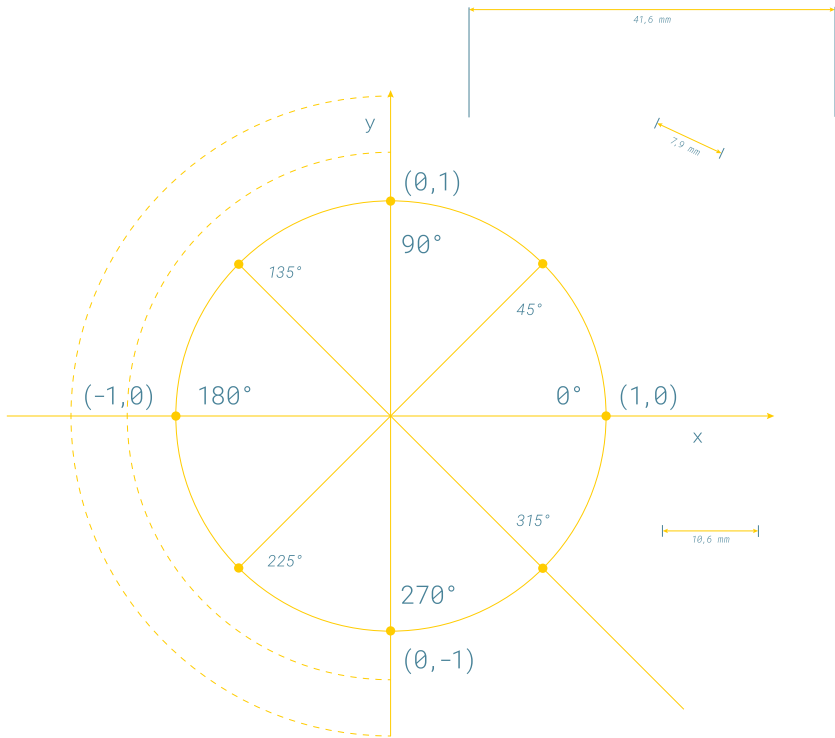
## MULTIMETER

### LIMIT 620

Digital multimeter with both automatic and manual measuring range adjustment. Analogue bar graph for quick or unstable signals. True RMS for both voltage and current when measuring non-linear signals. Records maximum and minimum value. Measures direct/alternating voltage, AC/DC, resistance, capacitance, frequency/diode and temperature. Beside, continuity test with buzzer, hold function, display lighting, low battery capacity warning. Supplied complete with test leads, USB cable for data transfer to PC, K-K-type thermocouple and adapter for temperature measurement & batteries. Scale length 6000. Insulation CAT III 1000 V/ CAT IV 600 V according to IEC 61010. Fuse protected to 11 A.

Code no.	153220116
ETIM class code	EC000069
Thickness	49 mm
Width	89 mm
Weight	400 g
Length	186 mm
Automatic shutoff unit	15 min
Resistance Inaccuracy	$\pm (1.2\%+2) - \pm (2.0\%+5)$
Frequency measurement range, min	10 Hz
Frequency inaccuracy	$\pm (0.1\% + 4)$
Frequency resolution	0.01 Hz–0.01 MHz
Digit height	20 mm
No. of batteries	4 pcs
Battery size	AAA (1,5 V)
Battery type	Alkaline
Resistance measurement range, min	600 $\Omega$
Resistance measurement range, max	60 M $\Omega$
Resistance resolution	0,1 $\Omega$
Voltage resolution (DC)	0,01 mV
Voltage resolution (AC)	0,01 mV
Current resolution (DC)	0,1 $\mu$ A
Current resolution (AC)	0,1 $\mu$ A
Current measurement range (DC), min	600 $\mu$ A
Current inaccuracy (AC)	$\pm(1.2\% +5)$
Current inaccuracy (DC)	$\pm(1\% +2)$
Voltage inaccuracy (DC)	$\pm (0.8\%+5)$
Voltage inaccuracy (AC)	$\pm (1.2\%+5)$
Capacitance measurement range, max	60 mF
Capacitance measurement range, min	60 nF
Capacitance inaccuracy	$\pm (3\%+5)$
Capacitance resolution	0,101 nF
Background lit Display	Yes
Current measurement range (AC), min	600 $\mu$ A
Current measurement range (AC), max	20 A
Current measurement range (DC), max	20 A
Voltage measurement range (DC) min	60 mV
Voltage measurement range (DC) max	1000 V
Voltage measurement range (AC) min	60 mV
Voltage measurement range (AC) max	1000 V
Frequency measurement range, max	10 MHz
Safety classification	CAT III 1000 V, CAT IV 600 V
Work temperature, min	0 °C
Max. working temperature	40 °C

Code no.	Accessories	Article description	Packaging
153220116	128600202	Test cables 1.0 m CAT II, 600V	1 PC
153220116	200580108	Test cables 1.3 m CAT III, 1000V, 10A	1 PC
153220116	200580207	Insulated crocodile clips CAT III, 1000V, 10A	1 PC
153220116	200580306	Cables for crocodile clips 1.2 m	1 PC



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