



Scope of supply:

- 1 x 38XR-A
- 2 x test leads
- 1 x temperature probe (0...200°C)
- 1 x magnetic holster
- 1 x temperature adapter
- 1 x 9 V battery, IEC 6LR61
- 1 x user manual

38XR-A Professional TRMS (AC+DC) multimeter with PC interface

Functions

- Voltage, current and resistance measurement
- Capacitance and frequency measurement
- Diode and acoustic continuity test
- Attenuation measurement (dBm)
- Temperature measurement

Product information

- Automatic and manual range selection
- Integrated measurement memory (data hold)
- MIN/MAX, relative and peak value measurement
- Additional bar graph display (41 segments)
- Backlight
- Shock-proof and impact-resistant thanks to standard protective holster
- Auto power-off

Product highlights

- AC+DC true RMS measurement (TRMS)
- Magnetic holster (Magne-Grip™)
- Duty cycle function
- RS-232 interface for PC connection (optional „38SW-A“ software available)
- Current loop measurement: 4...20 mA

Ordering Information:

Description	Order No.
38XR-A	2727824
38SW-A (Software and RS232-cable)	2727813
VC221B (Carrying case)	3068271
TL245A (Test lead set)	3034444

Technical Data

Display:	LCD, 4-digit, 9999 digits
Measurement ranges	
AC voltage:	0.1 mV...750 V
Basic accuracy:	±(1.2% rdg. + 10 digits)
Frequency range:	45 Hz...2 kHz
DC voltage:	0.1 mV...1000 V
Basic accuracy:	±(0.25% rdg. + 5 digits)
Input resistance:	10 MΩ
Current AC:	0.1 μA...10 A
Basic accuracy:	±(1.5% rdg. + 20 digits)
Frequency range:	45 Hz...1 kHz
Current DC:	0.1 μA...10 A
Basic accuracy:	±(0.5% rdg. + 10 digits)
Resistance:	0.1 Ω...40 MΩ
Basic accuracy:	±(0.5% rdg. + 8 digits)
Continuity:	R < 40 Ω
Frequency:	3.00 Hz...10 MHz
Basic accuracy:	±(0.1% rdg. + 5 digits)
Capacitance:	0.01 nF...400.0 μF
Basic accuracy:	±(3.0% rdg. + 10 digits)
Temperature:	-20°C...1300°C
Basic accuracy:	±(1.0% rdg. + 3°C)
Current loop measurement:	4...20 mA ± 0...100%
Basic accuracy:	±(0.5% + 5 digits)
Attenuation:	-13 dBm...+50 dBm
Basic accuracy:	±(0.7 dB + 8 digits)
Pollution degree:	2
Measurement category:	CAT IV/600 V, CAT III/1000 V
Safety cert.:	EN 61010, IEC 61010
Power supply:	1 x 9 V battery, IEC 6LR61
Dimensions:	196 x 92 x 60 mm
Weight:	approx. 492 g (incl. battery)



LCR55A LCR-Meter

Functions

- Resistance measurement
- Capacitance measurement
- Inductance measurement
- Transistor and diode measurement

Product information

- Manual range selection
- Integrated measurement memory (data hold and MAX hold)
- Shock-proof and impact-resistant thanks to standard protective holster
- Auto power-off

Product highlights

- Large, clear display

Technical Data

Display:	LCD, 3 1/2-digit, 1999 digits
Measurement ranges	
Resistance:	0.01 Ω...20 MΩ
Basic accuracy:	±(0.5% rdg. + 5 digits)
Continuity:	R < 30 Ω
Inductance:	1 μH...200 H
Basic accuracy:	±(3.0% rdg. + 20 digits)
Capacitance:	1 pF...2000 μF
Basic accuracy:	±(1.0% rdg. + 3 digits)
Diode test: voltage drop	
Accuracy:	±(1.5% rdg. + 1 digit)
Transistor test:	(NPN, PNP) hfe, I _{ceo}
Test current:	approx. 1 mA
Test voltage:	3.0 V DC typical
Power supply:	1 x 9 V battery, IEC 6LR61
Dimensions:	183 x 79 x 38 mm
Weight:	approx. 311 g (incl. battery)

Scope of supply:

- 1 x LCR55A
- 2 x test leads
- 2 x crocodile clips
- 1 x 9 V battery, IEC 6LR61
- 1 x user manual



Accessories:

- Carrying case CC-ACDC

Ordering Information:

Description	Order No.
LCR55A	3026976
CC-ACDC	2732643