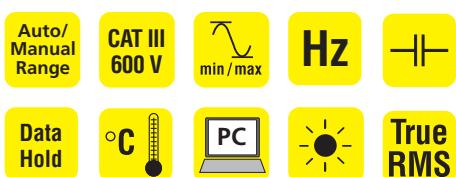


# Multimeter / LCR-Meter



## 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

## 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, 3½-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 <sub>ceo</sub>
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