

# Clamp Meters

Multimeters Voltage 17th Edition Phase Rotation Clamp

## DL6518 Mini AC Leakage Clamp Meter

Accurate measurement of AC earth leakage with a resolution of 0.1mA enables the detection of nuisance tripping caused by faulty appliances or circuit faults resulting in current leakage to earth. The compact size of the DL6518 makes it ideal for hard to reach locations. The data hold enables readings to be captured when working in dimly lit areas.

- Shielded transformer jaw opens to 30mm
- 100µA high resolution reading range
- Dynamic range of 2000 counts full scale.



### DL6518 Specification

Range	Resolution	Basic accuracy
200mA	01mA	+/- 5% +8 digits
2A	1mA	+/- 5% +10 digits
200A	0.1A	+/- 2.5% +10 digits
Dimensions	182 x 61 x 34mm	
Weight	225g	

## DL6519 True RMS AC Leakage Clamp Meter

Accurate measurement of AC earth leakage with a resolution of 0.1mA enables the detection of nuisance tripping caused by faulty appliances or circuit faults resulting in current leakage to earth. Shielded transformer jaw to minimize the effects of external magnetic field effects. Filter circuit designed to eliminate the effect of high frequency noise and harmonics. Large jaw size (68mm) facilitates clamping around larger conductors and 3 phase circuits.

- Measurement range from 1mA to 1000A
- True RMS enables accurate measurement on distorted waveforms.
- Large LCD display with back light
- Data hold and peak hold functions.



### DL6519 Specification

Range	Resolution	Basic accuracy (50/60 HZ)
<b>AC Current</b>		
200mA	0.1mA	+/- 1.5% + 6 digits
2A	1 mA	+/- 2.0% + 6 digits
20A	10mA	+/- 2.0% + 6 digits
200A	100mA	+/- 2.0% + 6 digits
1000A	100mA	+/- 3.0% + 6 digits
AC Voltage 600V	0.1V	+/- 1.5% +/- 2 digits
DC Voltage 600V	0.1V	+/- 1.5% +/- 5 digits
Resistance 400Ω	0.1Ω	+/-1.5% +/- 4 digits
Frequency response	40 Hz – 1kHz	
Dimensions	250 x 113 x 45mm	
Weight	490g	

## DL6409 Digital Power Clamp Meter

The DL6409 is the ideal tester for measuring a wide range of electrical parameters. It is the ideal tester for identifying power quality issues in single phase and 3 phase systems.

- AC measurement up to 1000A
- True RMS measurement of AC voltage and current
- Safety standard overvoltage category CAT III 600 V, CAT IV 300V.



### DL6409 Specification

Measurement	Range	Basic accuracy
AC Voltage True RMS	0.1V – 600V	+/-1.2% + 5 digits
AC Current true RMS	0.1A – 100A	+/- 2% + 5 digits
Active Power	0.01KW – 600KW	+/- 3% + 5 digits
Apparent Power	0.01KVA – 600KVA	+/- 4% + 5 digits
Reactive Power	0.01KVAR – 600KVAR	+/- 4% + 5 digits
Power Factor	0.3 - 1.0	+/- 0.02% + 2 digits
Phase Angle	0 deg – 360 deg	+/- 1%
Frequency	20Hz – 500Hz	
Active Energy	1 – 9999KWh	+/- 3% 2 digits
Temperature	-50°C – 1000°C	
Power supply	4 x 1.5V LR16 (supplied)	
Dimensions	303 x 112 x 39mm	
Weight	600g	

## DL6508 1500A AC/DC True RMS Clamp Meter

DL6508 is a True RMS 1500A AC/DC Clamp Meter which provides much safer measurements with a double moulded plastic housing design.

Measuring starting current for motors, lighting, etc. is easy with Inrush current function.

- Power Measurement to 900.0kW
- TRMS AC & DC Current to 1500A
- Min, Max, Peak & Hold function
- Inrush Current to 1500A.



### DL6508 Specification

Measurement	Range	Basic accuracy
AC voltage true RMS	400 mV – 750V	+/- 1.0% + 30 digits
AC current true RMS	10 mA – 1500A	+/- 2.8% + 30 digits
DC voltage	0.01 mV – 1000V	+/- 0.5% + 4 digits
DC current	10 mA – 1500A	+/- 2.5% + 30 digits
Resistance	0.01Ω - 40MΩ	+/- 3.0% + 10 digits
Capacitance	10 pF – 40mF	+/- 5 % + 10 digits
Frequency	0.001Hz – 40MHz	+/- 0.3% + 2 digits
Temperature	-100°C – 1000°C	+/- 1.0% + 2.5°C
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	294 x 105 x 47mm	
Weight	536g	