



# DL235

## Digital Clamp-On Meter

### ***SPEED AND VERSATILITY FROM A TRUE-RMS METER***

■ TRUE-RMS

■ Features Include:

- Soft Mode
- Crest Mode
- MIN/MAX Record
- Auto/Manual Ranging
- Data Hold
- Autoranging
- Auto Power Off



**CALRIGHT  
INSTRUMENTS**

*The Right Source For Your Test & Measurement Needs*

2222 Verus Street Suite C San Diego CA 92154 USA  
Toll Free: 866.363.6634 Tel: 619.429.4545 Fax: 619.374.7012  
Email: [sales@calright.com](mailto:sales@calright.com) <http://www.calright.com>

# DL235 • Digital Clamp-On Meter

The DL235 True RMS Clamp-On takes the mystery out of electrical diagnostics. Identify harmonics with the SOFT/CREST features or simultaneously monitor current and frequency. High scales and broad bandwidth give you the ability to tame today's tough electrical problems. Five year limited warrant.

The DL235 has the following features:

- True RMS
- 800Amps AC and DC
- 600Volts AC and DC
- Resistance to 4 kilohms
- Continuity
- Data hold
- Frequency to 10 kilohertz
- Auto or manual ranging
- Soft mode smooths amp, frequency or voltage readings
- Crest mode displays 1/2 wave peak to calculate crest factor
- MIN/MAX record
- 2-1/16" jaw capacity
- CE and UL listed CAT II
- Five year limited warranty

AC Current  
RMS Amperes<sup>\*1</sup>

Range	Resolution	Accuracy <sup>*2</sup>	
0.30 to 39.99A (40A Scale)	0.01 A	±(3% + 20 dgts) ±(4% + 30 dgts) ±(4% + 30 dgts) ±(8% + 30 dgts)	45Hz- 65Hz 30Hz- 45Hz <sup>*3</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*4</sup>
0.30 to 399.9A (400A Scale)	0.1 A	±(3% + 2 dgts) ±(4% + 3 dgts) ±(4% + 3 dgts) ±(8% + 3 dgts)	45Hz- 65Hz 30Hz- 45Hz <sup>*3</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*4</sup>
400 to 700A (400A Scale)	1 A	±5% ±7% ±7% Not Specified	45Hz- 65Hz 30Hz- 45Hz <sup>*3</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*4</sup>

\*1. Sine wave, measured with conductor centered at alignment marks and battery life indication greater than 40 hours on meter power up.

\*2. RMS MIN/MA X: ADD 10 counts.

\*3. 1A and above, 30Hz - 45Hz.

\*4. AVG only, 2.5A and above RMS MIN/MA X: Add 2% of reading.

## Specifications

Instantaneous Amperes (Crest Mode)<sup>\*\*1</sup>

Range	Resolution	Accuracy <sup>*2</sup>	
0.4 to 39.99A (40A Scale)	0.2A	±(3% + 30 dgts) ±(4% + 30 dgts) ±(4% + 30 dgts) ±(8% + 40 dgts)	45Hz- 65Hz 30Hz- 45Hz <sup>*2</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*3</sup>
0.4 to 399.9A (400A Scale)	2A	±(3% + 3 dgts) ±(4% + 3 dgts) ±(4% + 3 dgts) ±(4% + 4 dgts)	45Hz- 65Hz 30Hz- 45Hz <sup>*2</sup> 30Hz- 45KHz 20Hz- 30Hz <sup>*3</sup>
400 to 599A (400A Scale)	4A	±3% ±4% ±4% ±4%	45Hz- 65Hz 30Hz- 45Hz <sup>*2</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*3</sup>
600 to 999A (400A Scale)	4A	±7% ±7% ±7% ±7%	45Hz- 65Hz 30Hz- 45Hz <sup>*2</sup> 65Hz- 1KHz 20Hz- 30Hz <sup>*3</sup>

\*\*1. Same as \*1    \*\*2. Same as \*3    \*\*3. 2.5A and above

Frequency<sup>\*\*\*1</sup>

Range	Resolution	Accuracy
0.5 to 999.9Hz	0.1 Hz	±(0.2% + 3 dgts)
1000 to 9999Hz	1 Hz	±(0.2% + 3 dgts)

\*\*\*1. Same as \*1

DC Current

Range	Resolution	Accuracy
0.30 to 39.99A	0.01 A	±(2% + 30 dgts)
0.3 to 399.9A	0.1 A	±(2% + 10 dgts)
400 to 700A	1 A	

DC Current

Range	Resolution	Accuracy		
		AC Voltage		DC Voltage
		45 Hz to 65 Hz	45 Hz to 1 KHz	
0 to 39.99V	0.01V			
0 to 399.9V	0.1V	±(1.0% + 3)	±(2.5% + 5)	±(1.0% + 3)
0 to 750V	1V	±(1.5% + 5)		±(1.5% + 5)



The Right Source For Your Test & Measurement Needs

2222 Verus Street Suite C San Diego CA 92154 USA  
Toll Free: 866.363.6634 Tel: 619.429.4545 Fax: 619.374.7012  
Email: sales@calright.com <http://www.calright.com>