

**CEM**



## DT-896/897/897FC

### Safety Conformance

- EN61010-1 CAT IV 300V, CAT III 600V
- 600V input protection on all ranges



## Features

	<b>896</b>	<b>897</b>	<b>897FC</b>
<b>Large LCD display 6000 counts with flashlight</b>	*	*	*
<b>240 x 320 2.4" TFT color LCD display</b>	*	*	*
<b>0.47" (12mm) Fork clamp sensor for AC/DC</b>			*
<b>100A current measurement</b>			
<b>Temperature measurements</b>		*	*
<b>Record events and trends</b>		*	*
<b>True RMS measurements</b>	*	*	*
<b>Saves measurements</b>	*	*	*
<b>A/D convert fast sampling time: 3 Times/sec.</b>	*	*	*
<b>Low pass filter</b>	*	*	*
<b>Peak capture (records transients as fast as 500µs) &amp; Data Hold</b>	*	*	*
<b>Min/Max with Time stamp (records signal fluctuations)</b>	*	*	*
<b>Bluetooth interface</b>	*	*	*

## Specifications

<b>Function</b>	<b>Max Range</b>	<b>Basic Accuracy</b>	<b>896</b>	<b>897</b>	<b>897FC</b>
<b>Voltage DC</b>	<b>600V</b>	<b>±0.5%</b>	*	*	*
<b>Voltage AC</b>	<b>600V</b>	<b>±1.0%</b>	*	*	*
<b>Current DC</b>	<b>10A</b>	<b>±1.5%</b>	*	*	
<b>Fork clamp DC current</b>	<b>100A</b>	<b>±3.0%</b>			*
<b>Current AC</b>	<b>10A</b>	<b>±2.0%</b>	*	*	
<b>Fork clamp AC current</b>	<b>100A</b>	<b>±3.0%</b>			*
<b>Resistance</b>	<b>60MΩ</b>	<b>±1.0%</b>	*	*	*
<b>Capacitance</b>	<b>10mF</b>	<b>±3.0%</b>	*	*	*
<b>Frequency</b>	<b>10MHz</b>	<b>±1.0%</b>	*	*	*
<b>Duty Cycle</b>	<b>99.9%</b>	<b>±1.2%</b>	*	*	*
<b>Temperature</b>	<b>760°C/1400°F</b>	<b>±2.5%</b>		*	*
<b>Diode Check &amp; Continuity Test</b>			*	*	*

Accessories: Test leads, Li-ion batteries, Software, gift box with carrying case.