

Professional True RMS Industrial Multimeter

Built-in InfraRed Thermal Imager design quickly identifies hot spots without contact

898/898A/889/898FC/889FC True RMS Digital Multimeter built-in Thermal Imager design, providing fast A/D converting sampling time, high accuracy. Advanced system Platform permits smart multifunctions such as updating software on line, PC calibration etc.

• True RMS



EMC & LVD

EN: 61326

EN: 61010-1, EN: 61010-02-031

• TFT color LCD display
• PC Calibration



Bluetooth



DT-898/898A/889/898FC/889FC

True RMS Compact Multimeter with InfraRed Thermal Imager



Model 898



Model 898A/889



Model 898FC/889FC



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032,
EN: 61010-02-033

Features

	898	898A	898FC	889	889FC
0.47" (12mm) Fork clamp sensor for AC/DC 100A current measurement			*		*
Bluetooth interface		*	*	*	*
Large LCD display 4000 counts with True RMS measurements & flashlight	*	*	*	*	*
Built-in Thermal Imager design quickly identifies hot spots without contact	*	*	*	*	*
240 x 320 2.4" TFT color LCD display	*	*	*	*	*
Built-in 0.3Megapixels visible light digital camera				*	*
A/D convert fast sampling time: 3 Times/sec.	*	*	*	*	*
Peak capture (records transients as fast as 500µs) & Data Hold	*	*	*	*	*
Min/Max with Time stamp (records signal fluctuations)	*	*	*	*	*
CAT III-600V Category safety rating	CAT III-300V CAT II-600V	*	*	*	*



Safety Conformance

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

Specifications

Thermal Imager		898	898A	898FC	889	889FC
IR resolution			80x80 pixels		32x32 pixels	
Field of View (FOV)	17° x 17°				40°x40°	
Thermal sensitivity/NETD	< 0.08°C /80mK		*		*	
Image frequency	50Hz		*		9Hz	
Object temperature range	-20 to 260°C (-4 to 500°F)		*		-20 to 300°C (-4 to 572°F)	
Spectral range	8-14 µm					
Color palettes	IRON/Rainbow/Grey/Grey Inverted					
Accuracy	±2°C (±3.6°F) or ±2% of reading					

True RMS Multimeter Functions

Mode			898	898A	898FC	889	889FC
Function	Max Range	Basic Accuracy					
Voltage DC	600V	±0.5%	*	*	*	*	*
Voltage AC	600V	±1.0%	*	*	*	*	*
Current DC	10A	±1.5%	*	*		*	
Fork clamp DC current	100A	±3.0%			*		*
Current AC	10A	±2.0%	*	*		*	
Fork clamp AC current	100A	±3.0%			*		*
Resistance	40MΩ	±1.0%	*	*	*	*	*
Capacitance	4000µF	±3.0%	*	*	*	*	*
Frequency	10MHz	±1.0%	*	*	*	*	*
Duty Cycle	99.9%	±1.2%	*	*	*	*	*
Diode Check & Continuity Test			*	*	*	*	*



Full visible light (889/889FC)

Size(HxWxD): 148mm x 68mm x 48mm

Weight: 348g

Accessories:

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