

Professional High Performance TRMS Clamp-On Meter Models F01, F03, F05, F07 & F09



Models F01, F03, F05, F07 & F09



Features

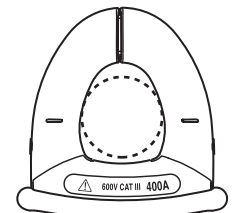
- Hand-held size, ultra practical and ergonomic
- True RMS measurement through fast sampling — accurate on non-linear waveforms
- 4kHz Bandwidth
- 3.5 Crest Factor @ 600Arms and 900Vrms
- Peak function captures 500µs signals
- Measure Inrush Current on 0.5, 1, 2.5, 5 and 10 cycles (15 to 70Hz) (model dependent)
- Min/Max for automatic capture of extreme values on 100ms samples
- Measure V, A, Ohms, kW, PF, VAR, VA, Hz, Phase Rotation, Temperature, AC + DC (model dependent)
- Temperature measurement up to 1832°F (1000°C) via standard K thermocouple (model dependent)
- Continuity at programmable buzzer threshold from 1 to 40Ω (model dependent)
- Selectable V-Live™ function (buzzer) warns of live circuit
- Battery life displays directly in hours at the push of a button (Models F03, F05, F07 and F09)
- Automatically detects AC or DC and is auto-ranging
- Automatic DC current zeroing
- Backlit LCD
- EN 61010-1, EN 61010-2-032, 600V Cat. III
- Includes test leads and soft carrying case

SPECIFICATIONS

MODELS	F01 TRMS	F03 TRMS	F05 TRMS	F07 TRMS	F09 TRMS
AC Current (Auto-Ranging)	0.2 to 400A	0.2 to 400A	0.2 to 400A	0.2 to 400A	0.2 to 400A
AC Voltage (Auto-Ranging)	0.2 to 600V	0.2 to 600V	0.2 to 600V	0.2 to 600V	0.2 to 600V
DC Current (Auto-Ranging)	—	0.2 to 400A	0.2 to 400A	0.2 to 400A	0.2 to 400A
DC Voltage (Auto-Ranging)	0.2 to 600V	0.2 to 600V	0.2 to 600V	0.2 to 600V	0.2 to 600V
AC + DC Current (Auto-Ranging)	—	—	—	0.2 to 400Arms	0.2 to 400Arms
AC + DC Voltage (Auto-Ranging)	—	—	—	600Vrms	600Vrms
Resistance	400Ω	4000Ω	40kΩ	40kΩ	40kΩ
Diode Test	—	Yes	Yes	Yes	Yes
Continuity (Beeper)	Yes	Yes	Yes (w/adjustable threshold)	Yes (w/adjustable threshold)	Yes (w/adjustable threshold)
Frequency	—	—	20kHz	20kHz	20kHz
Power (W, VA, VAR)	—	—	240kW	—	5W to 240kW
Power Factor	—	—	-1.00 to 1.00	—	-1.00 to 1.00
Phase Rotation	—	—	Yes	—	Yes
Temperature (int or ext)	—	-50° to 1832°F (-10° to 1000°C)	—	-50° to 1832°F (-10° to 1000°C)	—
Adapter (AC/DC)	—	—	—	0 to 4000mV	—
Min/Max/Peak	—	Yes	Yes	Yes	Yes
Hold	Yes	Yes	Yes	Yes	Yes
Inrush Current	—	—	0.5 to 10 cycles selectable	0.5 to 10 cycles selectable	0.5 to 10 cycles selectable
V-Live™ Hazardous Voltage Indicators ⁽¹⁾	45Vp	45Vp	45Vp	45Vp	45Vp
Auto-Off	Yes	Yes	Yes	Yes	Yes
Backlight	—	Yes	Yes	Yes	Yes
Battery Indicator ⁽²⁾	Yes	Yes	Yes	Yes	Yes
Buzzer for Overrange	Yes	Yes	Yes	Yes	Yes
Power Source	9V Alkaline battery	9V Alkaline battery	9V Alkaline battery	9V Alkaline battery	9V Alkaline battery

⁽¹⁾Indicates voltage higher than instrument rating

⁽²⁾Remaining time expressed in hours on Models F03, F05 and F07



Jaw Opening:
≤ 1.02" (26mm)
Conductor Size:
one 500 MCM cable



Models F01, F03, F05, F07 and F09 include test leads, soft carrying case and user manual.

CATALOG NO.	DESCRIPTION
2129.51	TRMS Clamp-On Meter Model F01 (TRMS, 400A _{AC} , 600V _{AC/DC} , Ohms, Continuity)
2129.52	TRMS Clamp-On Meter Model F03 (TRMS, 400A _{AC/DC} , 600V _{AC/DC} , Ohms, Continuity, Temperature)
2129.53	TRMS Clamp-On Meter Model F05 (TRMS, 400A _{AC/DC} , 600V _{AC/DC} , Hz, Power (kW), Phase Rotation, Ohms, Continuity)
2129.54	TRMS Clamp-On Meter Model F07 (TRMS, 400A _{AC/DC} , 600V _{AC/DC} , Hz, Ohms, Continuity, Temperature)
2129.50	TRMS Clamp-On Meter Model F09 (TRMS, 400A _{AC/DC} , 600V _{AC/DC} , Hz, Power (kW), Phase Rotation, Ohms, Continuity)