

1,000 / 1,500 A TRMS digital multimeter clamps



True **InRush**

1,000 V CAT IV

IP
54

State at delivery & References

Delivered in bag pre-equipped for MultiFix with 2 PVC leads with elbowed insulated Ø 4 mm male banana plug / straight insulated Ø 4 mm male banana plug, 2 test probes/insulated Ø 4 mm female plug, 4 x 1.5 V AA alkaline batteries, 1 start-up guide on paper and 1 mini-CD with operating manual.

- > **F401** delivered with 1 wire thermocouple with built-in insulated Ø 4 mm banana connections, spacing 19 mm > P01120941
- > **F403** same as F401 > P01120943
- > **F405** delivered with 1 black CAT IV 1,000 V crocodile clip > P01120945
- > **F407** delivered with 1 set of red/black crocodile clips and the PAT (Power Analyser Transfer) PC software > P01120947

F400 Series

> Low and medium-power LV applications

- 1,000 A_{AC} (or AC+DC) / 1,500 A_{DC}
- Clamping diameter 48 mm
- TRMS acquisition
- TrueInRush function

F401 ■ F403 ■ F405 ■ F407

Specifications

Clamping diameter	48 mm			
Display	Backlit LCD screen			
Resolution	10,000 counts			
No. of values displayed	1		3	
Acquisition	TRMS AC	TRMS AC/DC	TRMS AC, DC, AC+DC	
Autorange	Yes			
Automatic AC/DC detection	Yes			
A _{AC}	1,000 A			
A _{DC}	1,500 A peak			
A _{AC+DC}	1,000 A (1,500 A peak)			
Best accuracy	1% R + 3 cts			
V _{AC}	1,000 V			
V _{DC}	1,000 V			
V _{AC+DC}	1,000 V (1,400 V peak)			
Best accuracy	1% R + 3 cts			
Frequency of V / I	Yes / Yes			
Resistance	100 kΩ			
Audible continuity	Adjustable from 1 Ω to 999 Ω			
Diode test (semi-conductor junction)	Yes			
Temperature (K type)	°C: -60.0 to +1,000 °C °F: -76 to +1,832 °F			
Adapter	Yes			
Single-phase and total three-phase power values			Yes	
Active power (W)			Yes	
Reactive power (VAR)			Yes	
Apparent power (VA)			Yes	
FP / DPF			Yes / -	Yes / Yes
Harmonic analysis THD _r / THD _r			Yes / Yes	
Frequency analysis			No	25th order
Phase rotation (2-wire method)			Yes	
Functions				
Overcurrent measurement	Yes			
Motor Inrush	Yes			
Load variation (TrueInrush)	Yes			
Hold	Yes			
Min / MAX	Yes			
Peak+ / Peak-			Yes	
RELative ΔX Differential ΔX/X(%)	Yes	Yes	Yes	Yes
Auto Power Off	Yes			
Data recording			Yes	
Communication interface			Bluetooth	
Electrical safety as IEC 61010-1, IEC 61010-2-032, IEC 61010-2-033	1,000 V CAT IV - 1,000 V CAT III			
Power supply	4 x 1.5 V AA batteries			
Dimensions / weight	92 x 272 x 41 mm / 600 g			