

New Product

Introducing the New SMFT-1000/LITE and Fluke TruTest Solar Database App to Expand Your Solar Toolkit



FLUKE SMFT-1000/LITE

The Fluke SMFT-1000/LITE is a significant addition to the Fluke Solar MultiFunction Tester (SMFT) series, arriving just a year after the successful launch of the SMFT-1000/KIT and SMFT-1000/PRO. The SMFT-1000/LITE is a response to the specific requirements of solar installers seeking a safe, reliable and cost-effective solution to perform IEC 62446-1 Category 1 tests on PV solar installations.

Thanks to the colored test leads and the 'Keep the Leads' function, the SMFT-1000/LITE can automatically perform mandatory safety tests in less than 30 seconds, in compliance with the international standard for PV installation IEC 62446-1. This includes polarity, continuity of protective earthing conductors (R_{LO}), open circuit voltage (V_{OC}), short circuit current (I_{SC}) and insulation resistance (R_{INS}) tests.

The SMFT-1000/LITE version comes with the essential accessories, specifically tailored for mandatory safety testing, while still keeping the flexibility to expand testing capabilities by adding additional accessories. The SMFT-1000/LITE keeps the same mainframe as the KIT and PRO versions, making it easy to expand functionality without the need of firmware updates. Users can effortlessly add accessories like the i100 clamp for inverter functional and efficiency tests or the IRR2-BT for precise I-V curve tracing and assessment. The SMFT-1000/LITE is designed to be a versatile and adaptable tool, growing with the changing testing needs of solar professionals.

Supplied by:

TEST AND MEASUREMENT INSTRUMENTS C.C
 TEL; 011 683 4365 EMAIL: sales@instrumentsgroup.co.za
 Website: www.instrumentsgroup.co.za

NEW

SMFT-1000/LITE



SMFT-1000/KIT



SMFT-1000/PRO



FUNCTIONS

	SMFT-1000/LITE	SMFT-1000/KIT	SMFT-1000/PRO
Quick (<30s), AUTO & mandatory safety testing (IEC 62446-1 Category 1)			
Extended Safety: CAT III 1000V rating (IEC 61010-2) and high voltage alert			
Intuitive user interface			
Test lead sets (incl. 2x sets with MC4 connectors)			
Fluke TruTest™ Solar Database			
System performance testing (IEC 62446-1 Category 2): I-V Curve tracing			
Irradiance, temperature, tilt, compass (*)			
Advanced accessories (30 m test lead on reel, current clamp, test probe with remote test button, adapter cable optical-to-USB, etc.)			
Functional tests including inverter efficiency			
Software analysis with TruTest™			
Fluke Premium Care plan			

(*) An option to manually enter irradiance and temperature measurements is available.

 = the feature can be unlocked () by purchasing one or more accessories or FTT license or FPC contract

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What's included in SMFT-1000/LITE?

- Fluke C1600 Hard case
- SMFT-1000 Multifunction PV Analyzer
- Carry strap
- Zero adapter
- TL1000 Test Lead Set
- TL1000-MC4 Test Lead Set

SMFT-1000/LITE Pricing

Fluke model	Description	Fluke model	RAND
6008183	MULTIFUNCTION PV ANALYSER, LITE KIT	SMFT-1000/LITE	R71 990

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