

MW9325

Pocket Multifunction Tester

Introduction

The MW9325 is a unique, **pocket-sized device** that combines the functionality of an electrical installation tester. It is **compliant with IEC/EN61557-3 and IEC/EN61557-6 standards** and is powered directly by the socket without the need for batteries. The device is equipped with a "SUPERCAP" component that keeps it switched on and allows for visualizing measurements after disconnecting it. It also has an internal memory that saves measurements.

Some of the key features of the MW9325 include :

- TRMS measurement of voltage
- Earth resistance measurement via the loop method with Itest < 15 mA
- Tripping time measurement of RCDs
- Voltage harmonics measurement

With the SEFRAM REPORT app, users can generate test reports by scanning the QR code.

Our device has 5 easy-to-use measurement modes accessible through simple navigation.

Loop Non-Trip Earth Impedance	Measure the non-trip earth impedance or loop L-PE in a TT or TN system, ensuring that the prospective short-circuit current is compliant with IEC/EN61557-6.
RCD Tripping Time A, AC, F and Auto	• Measures the tripping time of an IΔn 30mA RCD type A, AC and F • Multiple test modes (x1, x5, x1/2, AUTO) for versatile testing • The test result is displayed as either a 'pass' or 'fail' outcome. • Compliance with IEC/EN61557-6 for accurate and reliable measurements.
Volt TRMS AC Voltage Socket Test	Measure the TRMS voltage between L-N and frequency in Hz. No test the socket connection, ensure that the earth is absent, there is no contact voltage greater than 50V, and the phase-neutral polarity is correct.
Har Voltage Harmonics (49Th)	Analyze the quality of the electrical network and check for the presence of voltage harmonics up to the 50th order that could potentially cause disturbances in the network.
MEM Internal memory Report	The device automatically saves loop and RCD measurements, and generates test reports through a QRCODE, which can be accessed using a smartphone and the free SEFRAM Report APP.



MW9325



Test report with SEFRAM REPORT App
(Androïd and iOS compatible)

MW9325

Sefram

Pocket Multifonction Tester

SPECIFICATIONS	MW9325	
RCD IEC/EN61557-6		
Voltage L-Pe 190-265 V - Frequency 50Hz ±5%		
Type(RCD)	Resolution	Accuracy
AC, A, F	<0.1IΔn	±(0.0% + 5%IΔn)
Time	0.1ms	±(2ms + 2 dgt)
Loop (Fault Impedance IEC/EN61557-3		
Voltage L-Pe 190-265V - Frequency 50Hz ±5% Min.Value > 0,3Ω		
Std Current test 15mA		
Range	Resolution	Accuracy
0,01 - 9.99Ω	0.01Ω	±(5.0% + 8 dgt)
10 - 99.9Ω	0.1Ω	±(5.0% + 8 dgt)
100 - 999Ω	1Ω	±(5.0% + 8 dgt)
Low Test Current 6 mA		±(8.0% + 12 dgt)
Voltage AC TRMC (Phase-Neutral)		
Crest Factor 1.5 - Frequency 42-69Hz ± 5%		
Range	Resolution	Accuracy
120 - 265V	1V	±(1.0% + 3 dgt)
Frequency		
Voltage L-N 190-265V - Fréquency 50Hz ±5%		
Gamme	Resolution	Accuracy
42-69Hz	0.1Hz	±(2.0% + 1 dgt)
Voltage Harmonics		
1 - 49th Harmonics < 0,8V will not be shown		
Range	Resolution	Accuracy
0,8 - 256V	0.1V	±(3.0% + 5 dgt)
Socket Test Voltage L-N 190-265V		
Open Ground or Neutral, Phase/Neutral Phase/Ground reverse - VC > 50V		

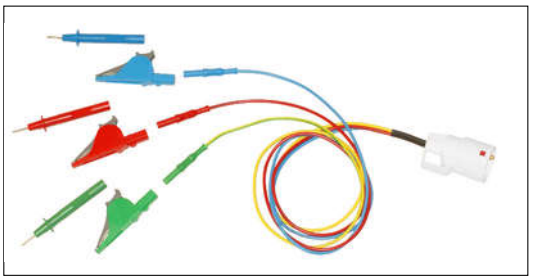
GENERAL FEATURES	
Overvoltage category	CAT III 300V
Max voltage input	265V AC
Display	TFT 1,77'' Display
Memory slot	64
Operating temperature	5°C to 40°C
Storage and operating humidity	< 80% RH
Storage temperature	-20°C to 60°C
Dimensions	(81,5 x 70 x 83) mm
Weight	110 grams
Measures guidlines	IEC/EN61557-3 IEC/EN61557-6
Safety guildlines	IEC/EN61010-1 IEC/EN61010-2-030
EMC	IEC/EN61326-1
Warranty	1 year

Delivered with : carrying case, extension cord, calibration certificate.



Provided with carrying case and extension cord

Optionnal accessory : Measuring kit for electrical boards



SA165

For assistance and ordering

Sefram

32, rue Edouard Martel - BP55- 42009 - St Etienne - cedex 2
Tél. +33 (0) 4.77.59.01.01 / Fax. +33 (0) 4.77.57.23.23
Web : www.sefram.com - e-mail : sales@sefram.com

afaq ISO 9001 Qualité AFNOR CERTIFICATION
1997/7001