

## 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  $I_{test} < 15 \text{ mA}$
- 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  $I_{\Delta n}$  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 QR CODE, which can be accessed using a smartphone and the free SEFRAM Report APP.



MW9325



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

## Pocket Multifonction Tester

SPECIFICATIONS		MW9325
<b>RCD</b> IEC/EN61557-6		
Voltage L-Pe 190-265 V - Frequency 50Hz ±5%		
Type(RCD)	Resolution	Accuracy
AC, A, F	<0.1Δn	±(0.0% + 5%Δn)
Time	0.1ms	±(2ms + 2 dgt)
<b>Loop (Fault Impedance)</b> 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)
<b>Voltage AC TRMC (Phase-Neutral)</b>		
Crest Factor 1.5 - Frequency 42-69Hz ± 5%		
Range	Resolution	Accuracy
120 - 265V	1V	±(1.0% + 3 dgt)
<b>Frequency</b>		
Voltage L-N 190-265V - Fréquence 50Hz ±5%		
Gamme	Resolution	Accuracy
42-69Hz	0.1Hz	±(2.0% + 1 dgt)
<b>Voltage Harmonics</b>		
1 - 49th Harmonics < 0,8V will not be shown		
Range	Resolution	Accuracy
0,8 - 256V	0.1V	±(3.0% + 5 dgt)
<b>Socket Test</b> Voltage L-N 190-265V		
Open Ground or Neutral, Phase/Neutral Phase/Ground reverse - VC > 50V		

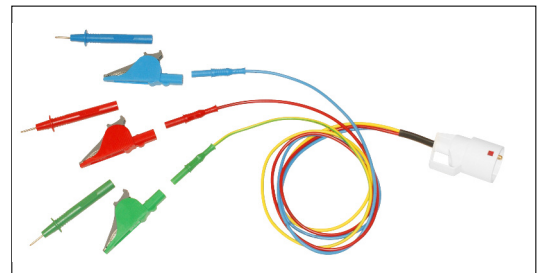
GENERAL FEATURES	
Overvoltage category	CAT III 300V
Max voltage input	265V AC
Display	TFT 1,77" Display
Memory slot	64
Operating temperature	5°C to 40°C
Storage and operating humidity	< 80% RH
Storage temperature	-20°C to 60°C
Dimensions	(81,5 x 70 x 83) mm
Weight	110 grams
Measures guidelines	IEC/EN61557-3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

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

Optionnal accessory : Measuring kit for electrical boards



Provided with carrying case and extension cord



SA165

For assistance and ordering



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



MW9325 A 00 - Specifications can be updated without notice



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