





SEFRAM7212 Autorange TRMS AC multimeter

The SEFRAM7212 is a compact digital multimeter with advanced features, designed to meet the needs of electricians, heating engineers, and maintenance services.

He is equipped with a large **backlit** LCD screen with a **bargraph**, providing clear visualization of measurements. It also has a built-in **flashlight** to facilitate measurements in dark environments. Furthermore, it is protected against overvoltages on all measurement ranges, ensuring the durability of the device in unstable electrical conditions.

With its current measurement capability in μ A, the SEFRAM7212 will allow heating engineers to measure ionization current, that functionality is essential to diagnosing electrical problems in heating systems.

The multimeter includes the essential features such as TRMS AC and DC voltage measurement up to 600V.

The TRMS function is crucial in industrial maintenance applications as it allows for precise measurement of distorted signals. Additionally, for this application, there is the possibility to implement a **VFD filter** to eliminate unwanted harmonic components.

In summary, the SEFRAM7212 is an essential tool for electricians, heating engineers, and maintenance services, offering advanced functionality.

Key features :

- TRMS AC measurements
- Voltage measurement up to 600V AC/DC
- \bullet Currents measurement from μA up to 10A
- Frequency and capacitance measurement
- Resistance measurement up to 60Mohms
- Non-contact voltage detection
- Continuity test with buzzer
- TRMS measurement bandwidth up to 1kHz
- Dual LCD display with bargraph and backlighting
- Built-in flashlight
- HOLD, MIN/MAX, REL functions
- Safety: 600V CAT III

Ergonomic design

The SEFRAM7212 multimeter provides easy access to various menus and advanced features such as MIN/MAX, HOLD, and more. All basic measurements such as voltage (V), current (A), resistance (Ω) , and continuity remain directly accessible via the rotary switch.

TRMS measurement and VFD filter

The SEFRAM7212 multimeter is equipped with the TRMS function and a VFD filter, allowing for precise measurements on installations with variable frequency drives (VFDs) or inverters.

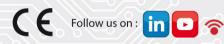
The TRMS function is essential for voltage and current measurements as it considers the true and effective values of signals, even if they are distorted. This ensures accurate measurement, even in complex electrical conditions.

The VFD filter is particularly useful in industrial maintenance applications where VFDs and inverters are present. It eliminates undesirable harmonic components generated by these equipment, providing high-quality measurements.

A versatile device for all your applications

The SEFRAM7212 multimeter allows voltage measurements ranging from a few mV to 600V AC/DC (TRMS AC) with a bandwidth of up to 1kHz. The range switching is automatic. It enables current measurements from a few μ A to 10A AC/DC.

It also features the NCV function, which allows for non-contact voltage detection either through the sensor located on top of the device or with a test lead connected to the device to increase detection sensitivity.







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SEFRAM7212

Autorange TRMS AC multimeter



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Eh: 610/10-02-052 Power supply Automatic switch-off Low battery indication Dimension 166×78×64mm	Standards	
Pollution degree 2 Power supply 2 x AAA 1.5V batteries Automatic switch-off after about 10mn Low battery indication The "battery" symbol is displayed Dimension 166×78×64mm		
Power supply 2 x AAA 1.5V batteries Automatic switch-off after about 10mn Low battery indication The "battery" symbol is displayed Dimension 166×78×64mm		EN: 61010-02-033
Automatic switch-off after about 10mn Low battery indication The "battery" symbol is displayed Dimension 166×78×64mm		2
Low battery indication The "battery" symbol is displayed Dimension 166×78×64mm		
Dimension 166×78×64mm		
Weight 268g		
	Weight	268g

Supplied with : Instruction manual, Test leads (4mm), 2 x 1.5V AAA batteries, Carrying case.



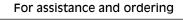
Carrying case supplied as standard



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



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FT7212 EN 00 - Specifications can be updated without notice

