Datasheet

Handheld multimeter

SEFRAM7208

SEFRAM7208: Professional performance in your pocket.



KEY FUNCTIONS

- Compact size
- Non-contact voltage detection
- AC and DC voltages
- Resistance
- Continuity and diode test
- Built-in flashlight
- Backlit display
- 3 measurements per second
- IEC 61010 CAT III 600 V

FEATURES

- **Display**: 6000 counts
- **AC and DC voltage**: Up to 600 V
- **Resistance**: Up to 20 MΩ
- **Diode test**: Forward voltage drop display
- **Continuity test**: With buzzer
- **Screen**: 3 ½ digit LCD with polarity and low battery indicator

The SEFRAM7208 combines the compactness of a pocket multimeter with the performance of a professional device. Ideal for technicians, electricians, and installers, it provides accurate TRMS measurement up to 600 V AC, with surge protection across all measurement ranges.

Designed for reliable everyday use, it features a backlit LCD screen, LED lighting for dark areas, and non-contact voltage detection (NCV) for added safety.
Its sampling rate of 3 measurements/second ensures excellent responsiveness during field diagnostics.

This multimeter stands out for its portability, ease of use, and ruggedness, making it a tool that is perfectly suited for installation, maintenance, or troubleshooting work, even in demanding conditions.

Thanks to its integrated test leads, light weight, ergonomic design, and two AAA battery power supply, it is always ready to use and easy to transport.

APPLICATIONS



Electrician



Technician



Maintenance



HVAC

Handheld multimeter
SEFRAM7208

Overview



Specifications

Model	SEFRAM7208
DC voltage	
Measurement range	200 mV to 600 V (in 5 ranges)
Resolution	0.1 mV to 1 V (in 5 ranges)
Basic accuracy	± (0.8% of reading + 5 digits)
Input impedance	10 MΩ
Maximum input voltage	600 V DC or AC RMS
AC voltage	
Measurement range	2 V to 600 V (in 4 ranges)
Resolution	0.001 V to 1 V (in 4 ranges)
Basic accuracy	± (1.2 % of reading + 5 digits)
Input impedance	10 MΩ
Frequency	40 Hz to 1000 Hz
Maximum input voltage	600 V DC or AC RMS
Resistance	
Measurement range	200 Ω to 20 MΩ (in 6 ranges)
Resolution	0.1 Ω to 10 kΩ (in 6 ranges)
Basic accuracy	± (0.8 % + 3 digits)
Protection	600 V DC or AC RMS
Diode	
Range	2 V
Resolution	0.001 V
Test conditions	Open circuit voltage: 2.4 V The display shows the value of the forward voltage drop of the diode.

Model	SEFRAM7208
Continuity	
Description	The device emits an audible signal when the measured resistance value is less than 35 Ω.
Test conditions	Test current: approximately 1 mA Open circuit voltage: 2.4 V
General characteristics	
Display	LCD type, backlit
	6000 counts
Measurement rate	3 measurements/s
Out-of-range indication	“OL” display
Polarity indication	The “-” symbol is automatically displayed
Operating temperature	0 °C to 40 °C, HR < 80 %
Storage temperature	-10°C to 60°C (without batteries), RH < 70%
Security	CAT III 600 V
Standards	IEC/EN 61010-1
Degree of pollution	2
Power supply	2 AAA batteries 1.5V
Dimensions	128 x 61 x 25 mm
Weight	200 g

Includes: User manual, 2 AAA batteries.





About SEFRAM INSTRUMENTS

Sefram Instruments is a French designer and manufacturer of electronic test and measurement equipment. Founded in 1947 and based in Saint-Étienne, the company provides reliable, user-friendly tools for professionals in telecommunications, electrical engineering, and industrial maintenance. Its product range includes data recorders, multimeters, electrical testers, and thermal cameras. Sefram offers comprehensive after-sales support, including technical assistance, repairs, and in-house calibration. Part of the B&K Precision organization since 2004, Sefram combines international reach with strong local expertise.
With decades of experience and a focus on innovation, Sefram continues to deliver high-performance solutions backed by expert support.



Quality management system

SEFRAM INSTRUMENTS is an ISO 9001-certified company using traceable quality management practices for all processes, including product development, service and calibration.

ISO 9001 : 2015
ISO 14001 : 2015

Video library

View product presentations, demonstrations and application videos in English and French
https://www.youtube.com/@SEFRAMINSTRUMENTS/videos

Social networks

LinkedIn :
https://www.linkedin.com/company/sefram-instruments

YouTube :
https://www.youtube.com/@SEFRAMINSTRUMENTS

About B&K Precision

For more than 70 years, **B&K Precision** has provided reliable and value-priced test and measurement instruments worldwide. The company's headquarters in Yorba Linda, California, houses its administrative and executive functions as well as sales and marketing, design, service, and repair. European customers are most familiar with B&K through its French subsidiary, Sefram. Engineers in Asia know the brand through the B+K Precision Taiwan operation. Independent service centers in Singapore and Brazil service customers in Singapore, Malaysia, Vietnam, Indonesia, and South America, respectively.

SEFRAM INSTRUMENTS
32, rue Edouard Martel
BP55 F42009 - Saint-Etienne-Cedex
Tel : +33 (0)4 77 59 01 01
sales@sefram.com
www.sefram.com