SEFRAM 7352B

TRMS AC+DC digital multimeter, Bluetooth®

TRMS AC+DC

Specifications

- Voltage measurement up to 1000V TRMS AC and 1000V DC
- Basic accuracy of 0.03%
- Low impedance voltage measurement (LoZ)
- Current measurement up to 10A
- Frequency and capacity measurement
- Resistance measurement up to 40 Mohms
- Continuity test with buzzer
- Temperature measurement with type K thermocouple
- Bandwidth up to 100kHz
- Double LCD display, with bargraph and backlight
- Datalogger function (40,000 measurements)
- Functions dB, dBm, HOLD, Peak Hold, MIN / MAX, Average, REL
- USB opto isolated interface
- PC software (supplied) and Android and Ios application
- Security: 600V CAT IV and 1000V CAT III

600V CAT IV

Accuracy: ±0,03%

Bluetooth®

An ergonomic device

The SEFRAM 7352B multimeter is equipped with a browser which allows easy access to the various menus and advanced functions. All basic measurements (V, A Ω,…) remain in direct access.

An integrated 40,000 point datalogger

The SEFRAM 7352B multimeter integrates a datalogger allowing the recording of 40,000 values, being able to configure the measurement rate. This function will be very useful for monitoring parameters.

Very high measurement accuracy and TRMS AC + DC measurements

With the SEFRAM 7352B multimeter, you will have an instrument worthy of a metrology service: 0.03% accuracy in V DC. In addition, the multimeter allows TRMS AC and TRMS AC + DC measurements to perform all measurements on complex signals, with a bandwidth of up to 100kHz.

Advanced functions to facilitate your measurements

Thanks to the functions available, you can make measurements in dB, dBm, make limit tests, peak measurements (Peak Hold function), relative measurements, display the maximum, minimum and average of a series of measurements. Everything is provided for simple operation of your measurement campaigns.

A connected multimeter

With its Bluetooth interface and its dedicated application for tablets or smartphones (Android or Ios), you can follow your measurements, download them in real time, consult the memory, etc. With the PC software under Windows™, you can carry out all the operations on the measurements, the memory, the internal datalogger and use your measurements for reports.

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Specifications — SEFRAM 7352B

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DC Voltage	
Range	40mV to 1000V (6 ranges)
Basic Accuracy	±(0.03% + 10dgt)
Resolution	0.001mV to 0.1V
AC Voltage (TRMS AC and TRMS AC+DC)	
Range	40mV to 1000V (6 ranges)
Resolution	0.001mV to 0.1V
Basic Accuracy	±(0.5% + 20dgt) from 5% to 100% of range
Bande passante	40Hz to 100kHz (depend of the range)
Low Impedance Voltage (LoZ)	
Range	400V and 1000V AC, 3kohms
Basic Accuracy	±(2% + 40dgt)
DC Current	
Range	40mA, 400mA, 4A and 10A
Basic Accuracy	±(0.2% + 10dgt)
Resolution	from 1µA to 1mA
Protection	440mA, 1000V IR 10kA Fuse 11A, 1000V IR 20kA Fuse
AC Current (TRMS AC and TRMS AC+DC)	
Range	40mA, 400mA, 4A et 10A
Resolution	from 1µA to 1mA
Basic Accuracy	±(0.8% + 20dgt) from 5% to 100% of range
Bande passante	40Hz to 1kHz (depend of range)
Protection	440mA, 1000V IR 10kA Fuse 11A, 1000V IR 20kA Fuse
Peak Hold	for impulse >10µs: ±(3% +100dgt)
dB	Measure in dB and dBm
Frequency	
Range	400Hz to 100kHz
Basic Accuracy	±5dgt
Sensibility	depend of range: to 10mV and 10mA
Protection	1000Vrms. or DC
Capacitance	
Range	40nF to 40mF (7 ranges)
Resolution	10pF to 10µF
Basic Accuracy	±(0.9% + 20dgt)
Protection	1000Vrms. or DC
Resistance	
Range	400ohms to 40Mohms (6 ranges)
Basic Accuracy	±(0.2% + 10dgt)
Protection	1000Vrms. or DC
Continuity Check	2kHz Tone Buzzer
Temperature	-200°C to 1200°C, -328°F to 2192°F ±(1.0% + 30dgt)
Testing Diodes	Approx. ±1mA
Accuracy	±(1.5% + 2dgt)
Fonctions	MIN, MAX, AVG, REL, HOLD, Auto Hold
Datalogger	40,000 measurements, with configurable interval from 1s to 600s
GENERAL SPECIFICATIONS	
Display	LCD with backlight 5 digits, 40.000 points avec bargraph
Measuring Rate	10 samples per second
Memory	1000 mesurements
Interface	USB and Bluetooth
Operating Ambient	-10°C to 50°C
Storage Temperature	-20°C to 60°C (without battery), HR < 80%
Safety	CAT IV 600V, CAT III 1000V
Standard	IEC61557-1, 61557-2, 61557-4, 61557-10
Power Requirements	4 x 1.5V IEC LR6 or size AA
Battery Life	50 hours typical with alkaline (with backlight off)
Dimensions	95 x 52 x 207mm
Weight	465g including battery

Supplied with: test leads, manual, thermocouple K, USB interface, Windows Software, batteries.
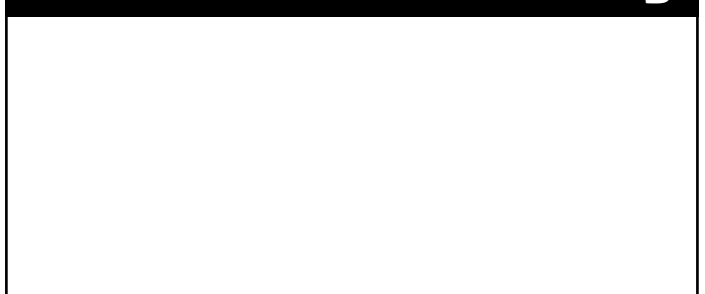
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