

Product Datasheet - Technical Specifications



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Sefram

SEFRAM 7335

6000 counts - TRMS AC+DC Multimeter

Robust, reliable and high performance multimeter

Capabilities :

- Basic accuracy of 0.08% in V DC
- Voltage measurement up to 1000V AC, DC and TRMS AC+DC
- Current measurement from 60mA to 10A for AC, DC and TRMS AC+DC
- Resistance measurement up to 40Mohms
- Capacitance measurement up to 10mF
- Frequency counter up to 100kHz
- Continuity test with buzzer
- Temperature measurement (for K thermocouple)
- Autoranging
- Diode test
- Panoramic LCD with backlight and 65 segments bargraph
- Functions: Hold, Peak-Hold (1ms), Min-Max
- Safety : CAT IV - 600V and CAT III - 1000V

TRMS AC+DC



Specifications

DC voltages	
Ranges	60mV to 600V (in 6 ranges)
Basic accuracy	$\pm(0.08\% + 2\text{dgt})$
Resolution	10 μ V to 1V
AC voltages	
Ranges	60mV to 1000V (in 6 ranges)
Basic AC accuracy	$\pm(0.8\% + 5\text{dgt})$
Basic TRMS AC+DC accuracy	$\pm(2\% + 5\text{dgt})$
Resolution	10 μ V to 1V
Bandwidth	50Hz to 1000Hz
AC and DC voltages, Lo impedance mode	
Ranges	600V and 1000V
Basic AC accuracy	$\pm(0.8\% + 3\text{dgt})$
Input impedance	3 kohms
DC currents	
Ranges	60mA, 600mA, 6A and 10A
Basic accuracy	$\pm(0.8\% + 3\text{dgt})$
Resolution	10 μ A to 10mA
Protection	HBC fuse 440mA /1000V - 10kA HBC fuse 11A / 1000V - 20kA
AC currents	
Ranges	60mA, 600mA, 6A and 10A
Basic AC accuracy	$\pm(1.2\% + 3\text{dgt})$
Basic TRMS AC+DC accuracy	$\pm(2\% + 5\text{dgt})$
Resolution	10 μ A to 10mA
Protection	HBC fuse 440mA /1000V - 10kA HBC fuse 11A / 1000V - 20kA
Resistance	
Ranges	600 ohms to 40Mohms (in 6 ranges)
Basic accuracy	$\pm(0.8\% + 2\text{dgt})$
Open circuit voltage	2.5V max
Continuity test	yes, with buzzer
Diode test	yes, under 0.4mA typical

Sefram 7335

Capacimeter	
Ranges	1 μ F to 10mF in 5 ranges
Basic accuracy	$\pm(1.2\% + 2\text{dgt})$
Temps de mesure	from 0.7s to 3 s (according to range)
Resolution	1nF to 10 μ F
Frequency (on AC current and voltage ranges)	
Ranges	100Hz to 100kHz in 4 ranges
Accuracy de base	$\pm(0.1\% + 2\text{dgt})$
Temperature (K type thermocouple)	
Ranges	-40°C to +400°C
Accuracy	$\pm(1\% + 10\text{dgt})$, excluding the thermocouple accuracy
Resolution	0.1°
Peak-Hold (1ms)	
Accuracy	Add 150 digits to the accuracy of the selected range/function
Functions	
	Hold, Min-Max
General specifications	
Display	LCD, backlighted
Display counts	3 digits 3/4, 6000 counts with 65 segments bargraph
Measurement rate	3 meas./s
Operating temperature	-10°C to 50°C (RH<70%)
Storage temperature	-20°C to 60°C (without battery and RH<80%)
Protection	electronic and HBC fuses for current ranges
Safety	600V - CAT IV and 1000V CAT III
Power supply	1 single 9V - 6F22
Autonomy	150h typical (with alkaline battery and backlight off)
Auto power-off	after 20mn
Dimensions	190 x 94 x 48mm
Weight	460g

Supplied with : a test lead set, battery (installed) and manual.

FT 7335A00 - Specifications can be updated without notice



Sefram

