

Product Datasheet - Technical Specifications



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Sefram

SEFRAM 7334

6000 counts - TRMS AC+DC Multimeter

Robust, reliable and high performance multimeter

Capabilities :

- Basic accuracy of 0.09% 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
- Autoranging
- Diode test
- Panoramic LCD with backlight and 65 segments bargraph
- Functions: Hold, Min-Max
- Safety: CAT IV - 600V and CAT III - 1000V



Specifications

Sefram 7334

DC voltages		Open circuit voltage	2.5V max
Ranges	600mV to 600V (in 5 ranges)	Continuity test	yes, with buzzer
Basic accuracy	$\pm(0.09\% + 2\text{dgt})$	Diode test	yes, under 0.4mA typical
Resolution	100 μ V to 1V	Capacitance	
AC voltages		Ranges	1 μ F to 10mF in 5 ranges
Ranges	600mV to 1000V (in 5 ranges)	Basic accuracy	$\pm(1.2\% + 2\text{dgt})$
Basic AC accuracy	$\pm(1.0\% + 5\text{dgt})$	Temps de mesure	from 0.7s to 3 s (according to range)
Basic TRMS AC+DC accuracy	$\pm(2.5\% + 5\text{dgt})$	Resolution	1nF to 10 μ F
Resolution	100 μ V to 1V	Frequency (on AC current and voltage ranges)	
Bandwidth	50Hz to 1000Hz	Ranges	100Hz to 100kHz in 4 ranges
AC and DC voltages, Lo impedance mode		Accuracy de base	$\pm(0.1\% + 2\text{dgt})$
Ranges	600V et 1000V	Functions	Hold, Min-Max
Basic AC accuracy	$\pm(1.0\% + 3\text{dgt})$	General specifications	
Input impedance	3 kohms	Display	LCD, backlighted
DC currents		Display counts	3 digits 3/4, 6000 counts with 65 segments bargraph
Ranges	60mA, 600mA, 6A and 10A	Measurement rate	3 meas./s
Basic accuracy	$\pm(1.0\% + 3\text{dgt})$	Operating temperature	-10°C to 50°C (RH<70%)
Resolution	10 μ A to 10mA	Storage temperature	-20°C to 60°C (without battery and RH<80%)
Protection	HBC fuse 440mA /1000V - 10kA HBC fuse 11A / 1000V - 20kA	Protection	electronic and HBC fuses for current ranges
AC currents		Safety	600V - CAT IV and 1000V CAT III
Ranges	60mA, 600mA, 6A and 10A	Power supply	1 single 9V - 6F22
Basic AC accuracy	$\pm(1.5\% + 3\text{dgt})$	Autonomy	150h typical (with alkaline battery and backlight off)
Basic TRMS AC+DC accuracy	$\pm(2.5\% + 5\text{dgt})$	Auto power-off	after 20mn
Resolution	10 μ A to 10mA	Dimensions	190 x 94 x 48mm
Protection	HBC fuse 440mA /1000V - 10kA HBC fuse 11A / 1000V - 20kA	Weight	460g
Resistance			
Ranges	600 ohms to 40Mohms (in 6 ranges)		
Basic accuracy	$\pm(0.8\% + 2\text{dgt})$		

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

FT 7334A00 - Specifications can be updated without notice

Sefram

INSTRUMENTS & SYSTEMES

