

Sefram

SEFRAM 7337, 7337USB

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20000 counts TRMS AC+DC Multimeters

Capabilities

- 20.000 counts
- Dual LCD with backlight and bargraph
- Measure voltages up to 750V AC and 1000V DC
- Measure currents up to 10A
- Frequency et capacity measurements
- Measure resistance up to 20Mohms
- Measure temperature (K type thermocouple)
- Continuity test with buzzer
- TRMS AC+DC measurements for voltages and currents
- Functions: HOLD, Peak Hold, REL, MIN, MAX, AVG, dB, dBm
- Datalogger mode with 6000 records
- Safety: 600V CAT III
- USB interface with Windows® software (7337USB)



Specifications

SEFRAM 7337

Tensions continues

Ranges	20mV, 200mV to 1000V
Basic accuracy	$\pm(0,06\% + 10\text{dgt})$
Resolution	1 μ V to 0,1V

AC Voltages TRMS AC and AC+DC

Ranges	20mV to 750V
Resolution	1 μ V to 0,1V
Basic accuracy	$\pm(0,7\% + 50\text{dgt})$
Bandwidth	40Hz to 50kHz
AC converter	TRMS AC+DC

DC currents

Ranges	20mA, 200mA, 2A and 10A
Basic accuracy	$\pm(0,2\% + 40\text{dgt})$
Resolution	1 μ A to 1mA
Protection	fuses HPC 1A and 15A

AC currents TRMS AC and AC+DC

Ranges	20mA, 200mA, 2A et 10A
Resolution	1 μ A to 1mA
Basic accuracy	$\pm(0,8\% + 50\text{dgt})$
Bandwidth	40Hz to 3kHz
Protection	fuses HPC 1A and 15A

Resistance

Ranges	200ohms to 20Mohms
Basic accuracy	$\pm(0,3\% + 30\text{dgt})$ and $\pm(0,6\% + 20\text{dgt})$ in LV mode
Open circuit voltages	3.3V or 0.6V in LV mode
Continuity test	yes, with buzzer ($R < 50\text{ohms}$ typical)
Diode test	yes, current 1.1mA typical
Accuracy under	$\pm(1,5\% + 5\text{dgt})$ from 0,4V to 0,8V
Functions	Hold, Auto-Hold, PeakHold

Memory	1000 measurements
Datalogger	6000 records

Temperature

Range	-100°C to +1200°C
Resolution	0,1°C
Accuracy	$\pm(0,1\% + 3^\circ\text{C})$

Frequency

Ranges	20Hz to 1MHz
Basic accuracy	$\pm(0,01\% + 10\text{dgt})$
Sensitivity	0,5Vcc (typical)
Protection	600Vrms

Capacitance

Gammes	4nF to 40mF
Resolution	1pF to 10 μ F
Basic accuracy	$\pm(0,9\% + 5\text{dgt})$
Protection	600Vrms

General specifications

Display	LCD, dual display, with backlight 4 1/2 digit, 20.000 counts with 83 segments bargraph
Measurement rate	2 mes./s in 20.000 counts and 4mes/s in 4000 counts
Operating temperature	0°C to 40°C
Storage temperature	-10°C to 60°C
Protection	electronic, except current ranges by fuses F10A/500V HPC and F1A/500V HPC
Safety	600V - CAT III / 1000V CAT II
Power supply	9V - 6F22 battery (alkaline preferred)
Autonomy	100h typical (with alkaline)
Dimensions	100 x 212 x 55mm, with rubber holster
Weight	600g
Warranty	3 years

Supplied with : a test leads set, a protection holster, battery, a set of alligator clips,
a thermocouple adaptor (ST306), a K type probe (ST305)

For 7337USB : same as 7337 with USB interface and Windows® application software

FT 7337-7337USB A00- Specifications can be updated without notice

Sefram

INSTRUMENTS & SYSTEMES



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For assistance and ordering

