

Sefram

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SEFRAM 7317, 7318, 7319

Access to the summit of safety : Category IV - 600V



SEFRAM 7317



SEFRAM 7318



SEFRAM 7319



Every meter is supplied with a protective holster that includes a built-in tilt stand, a nail hook, and convenient test lead storage. This holster provides an extra degree of protection and convenience for your meter

SAFETY, PERFORMANCES, ROBUSTNESS :

Designing these multimeters, SEFRAM has made no compromise to fulfill your requirements :

- Safety rating: category IV - 600V for all three models.
This protection enable you to measure on all electrical installation.
- Performances : 6000 counts display, True RMS AC, frequency and capacity measurements.
- Robustness : Ergonomically designed slim shape with one hand operated knob and buttons. Supplied with protective holster.

3 years warranty

SEFRAM	7317	7318	7319
Display	6000 counts	6000 counts	6000 counts
LCD Backlit	-	-	yes
Basic accuracy	0,5% + 2d	0,5% + 2d	0,5% + 2d
True RMS AC	-	yes	yes
Capacity	yes	yes	yes
Frequency	yes	yes	yes
Optical RS-232	-	-	yes
Peak (MIN/MAX)	yes	yes	yes
Auto Power OFF	yes	yes	yes
Safety	CEI 1010-CAT IV 600V	CEI 1010-CAT IV 600V	CEI 1010-CAT IV 600V



For more information, contact our local distributor or SEFRAM **+33 (0)4.77.59.36.81**





SEFRAM 7317, 7318, 7319

Multimeters

Technical Specifications	SEFRAM 7317	SEFRAM 7318	SEFRAM 7319
DC Voltage			
Range	600 mV, 6,60,600,1000V	600 mV, 6,60,600,1000V	600 mV, 6,60,600,1000V
Resolution	100 μ V	100 μ V	100 μ V
Accuracy	$\pm (0,5\%+2d)$	$\pm (0,5\%+2d)$	$\pm (0,5\%+2d)$
Protection	1000 VRMS	1000 VRMS	1000 VRMS
Input impedance	10 M Ω	10 M Ω	10 M Ω
AC Voltage			
Range	600 mV, 6,60,600,750V	600 mV, 6,60,600,750V	600 mV, 6,60,600,750V
Resolution	100 μ V	100 μ V	100 μ V
Bandwidth	50Hz- 500 Hz ⁽¹⁾	50Hz- 500 Hz ⁽¹⁾	50Hz- 500 Hz ⁽¹⁾
Accuracy	$\pm (0,9\%+5d)$	$\pm (0,9\%+5d)$ ⁽²⁾	$\pm (0,9\%+5d)$ ⁽²⁾
Protection	1000 VRMS	1000 VRMS	1000 VRMS
Input impedance	10 M Ω $\leq$ 100 pF	10 M Ω $\leq$ 100 pF	10 M Ω $\leq$ 100 pF
DC Current			
Range	600 μ A, 6000 μ A	600 μ A, 6000 μ A, 6A,10A	600 μ A, 6000 μ A, 6A,10A
Resolution	0,1 μ A	0,1 μ A	0,1 μ A
Accuracy	$\pm (1,0\% + 2d)$	$\pm (1,0\% + 2d)$	$\pm (1,0\% + 2d)$
Protection fuses	-	10A/500V	10A/500V
AC Current			
Range	600 μ A, 6000 μ A	600 μ A, 6000 μ A, 6A,10A	600 μ A, 6000 μ A, 6A,10A
Resolution	0,1 μ A	0,1 μ A	0,1 μ A
Bandwidth	50 Hz - 500 Hz	50 Hz - 500 Hz	50 Hz - 500 Hz
Accuracy	$\pm (1,5\% + 5d)$	$\pm (1,5\% + 5d)$ ⁽²⁾	$\pm (1,5\% + 5d)$ ⁽²⁾
Resistances			
Range	6 ranges (600 Ω to 60 M Ω)	6 ranges (600 Ω to 60 M Ω)	6 ranges (600 Ω to 60 M Ω)
Resolution	0,1 Ω	0,1 Ω	0,1 Ω
Accuracy	$\pm (0,7\% + 2d)$	$\pm (0,7\% + 2d)$	$\pm (0,7\% + 2d)$
Open circuit voltage	1,3 V max	1,3 V max	1,3 V max
Protection	600 V RMS	600 V RMS	600 V RMS
Continuity (with buzzer)			
Threshold level	100 Ω	100 Ω	100 Ω
Diode test			
Open circuit voltage	3 V	3 V	3 V
Accuracy	$\pm (1,5\% + 5d)$	$\pm (1,5\% + 5d)$	$\pm (1,5\% + 5d)$
Protection	600 V RMS	600 V RMS	600 V RMS
Capacity			
Range	6 ranges (6nF to 6mF)	6 ranges (6nF to 6mF)	6 ranges (6nF to 6mF)
Resolution	1 pF	1 pF	1 pF
Accuracy	$\pm (1,9\% + 8d)$	$\pm (1,9\% + 8d)$	$\pm (1,9\% + 8d)$
Protection	600 V RMS	600 V RMS	600 V RMS
Frequency			
Range	5 ranges (6000Hz - 60.00MHz)	5 ranges (6000Hz - 60.00MHz)	5 ranges (6000Hz - 60.00MHz)
Resolution	1 Hz	1 Hz	1 Hz
Accuracy	$\pm (0,01\% + 1d)$	$\pm (0,01\% + 1d)$	$\pm (0,01\% + 1d)$
Sensitivity	100 mV RMS (typ)	100 mV RMS (typ)	100 mV RMS (typ)
Protection	600 V RMS	600 V RMS	600 V RMS

(1) : non specified for 600mV range

(2) $\pm 1,5\%$ additional for a crest factor from 1,4 to 3 and $\pm 3\%$ for a crest factor from 3 to 4

Specifications	7317	7318	7319
Display (LCD)	6000 counts	6000 counts	6000 counts + backlight
True RMS AC	-	yes	yes
Measurement rate	1,5 mes./s	1,5 mes./s	1,5 mes./s
Operating temperature	0 à 50°C	0 à 50°C	0-50°C
Storage temperature	-20 à +60°C	-20 à +60°C	-20 à +60°C
Safety (IEC61010)	CAT IV-600V/CAT III-1000V	CAT IV-600V/CAT III-1000V	CAT IV-600V/CAT III-1000V
Battery	2x 1,5V (LR03)	9V (6F22)	9V (6F22)
Autonomy (with alkaline)	300 h	300 h	300 h
Auto Power Off	10 mn	10 mn	10 mn
Dimensions (with holster)	82 x 164 x 44 mm	82 x 164 x 44 mm	82 x 164 x 44 mm
Warranty	3 ans	3 ans	3 ans
Weight	400g	400g	400g

Delivered with : set of test safety test leads, protective holster, battery, user's manual

Specifications subject to change without notice - FT731700A/00

Optionnal accessories :

- SA 100 : Test lead Set (Banana plug to $\varnothing$ 4 mm test tip)
- SA 101 : Test lead Set (Right angle Banana plug to $\varnothing$ 4 mm test tip)
- SA 106 : Test lead Set (Banana plug to Right Angle Banana plug- 1m)
- SA 110 : Alligator Clip Set (4 mm)
- SA 115 : Test tip Set (4 mm)
- SA 120 : Maxigrabber Set (4 mm)
- SC 500 : Carrying pouch

- SI 649: Opto isolated cable for RS-232 (7319)
- SI 640 : Acquisition software for 7319
- SC601 : Plastic carrying case for multimeter and accessories
- SEFRAM 7317V : Multimeter 7317 + carrying case
- SEFRAM 7318V : Multimeter 7318 + carrying case
- SEFRAM 7319V : Multimeter 7319 + carrying case
- SEFRAM 7305 : Thermocouple Module for DMMtte de transport
- SEFRAM 7305 : Temperature module



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