

Sefram

NEW

SP297B - SP298B

All in One Flexible AC Current Probe Meter with Bluetooth® interface



TRMS AC

■ Specifications :

- 2 available dimensions :
SP297B : flex de 254mm
loop of approximately 100mm diameter
SP298B : 458mm flex
160mm diameter loop approx
- 10 000 count LCD dual digital backlight display
- Fully automatic measuring
- Current measurement up to 3000 A AC
- Voltage measurement up to 1000 V AC/DC
- Frequency measurement up to 10 kHz
- Resistance measurement up to 10 kΩ
- Continuity with buzzer
- Simultaneous Voltage and Hz display
- Simultaneous Current and Hz display
- True RMS reading on ACA and ACV
- Bluetooth® interface
- Torch light
- Data Hold

■ An ergonomic device

Perform current measurements on electrical busbars using the flexible probe. 2 sizes are available: 100mm buckle with the SP297B and 160mm buckle with the SP298B.

■ All in One device

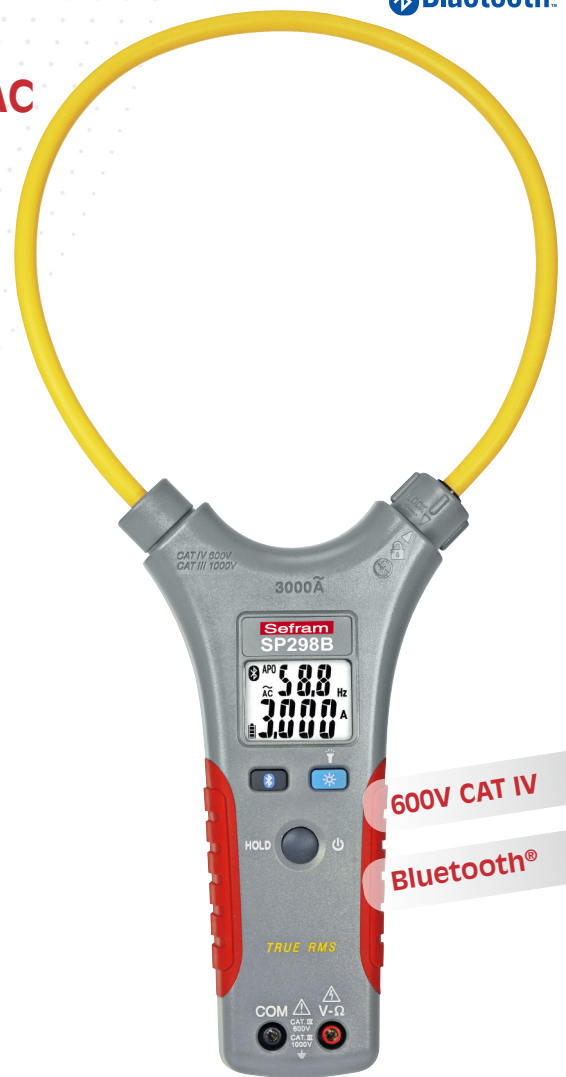
Benefit from all the useful functions: current measurement up to 3000A AC, voltage measurement up to 1000V AC / DC, frequency measurement, resistance and continuity measurement with buzzer.

■ Security in measurements

Stop looking for which measurement mode to position the device. It has a mode change as well as an automatic range change.

■ A connected device

With its Bluetooth® interface and its application dedicated to tablets or smartphones (Android or Ios), you can monitor your measurements and record them in real time. Then export the data via the tablet or the smartphone in .csv file in order to be able to process them in a spreadsheet software.



Follow us on :



Visit our website: www.sefram.com

SP297B - SP298B

Sefram

All in One Flexible AC Current Probe Meter
with Bluetooth® interface

Specifications	SP297B		SP298B
Electrical Specifications			
AC Current			
Range	30 A / 300 A / 3000 A		
Accuracy	±(3% + 5dgt)		
Resolution	0,01 A to 1 A		
Minimal reading current	1 A		
Crest factor	Up to 3		
Position error of clamp	from ±1% to ±3% (check in the manual)		
AC Voltage (TRMS AC)			
Range	1000V		
Resolution	0,1 V		
Accuracy	±(1,5% + 5dgt)		
Bandwith	45 Hz to 500 Hz		
Minimal reading voltage	3 V		
DC Voltage			
Range	1000V		
Accuracy	0,1 V		
Resolution	±(0,7% + 5dgt)		
Minimal reading voltage	+ 2,4 V / - 0,7 V		
Frequency			
Range	100 Hz to 10 kHz		
Resolution	0,01 Hzto 1Hz		
Accuracy	±(0,3% + 3dgt)		
Sensibility	depending of range: from 3 A and from 10 V		
Minimal reading frequency	10 Hz		
Resistance			
Range	1000 Ω and 10 kΩ		
Resolution	1 Ω		
Accuracy	±(0,9% + 2dgt)		
Continuity	yes with buzzer (less than 20 ohm)		
Fonction	HOLD		
General Specifications			
Display	LCD display with backlight		
Counts	10 000 counts		
Overload display	OL or OL-		
Probe diameter	11 mm		
Maximum conducteur size	254 mm		458 mm
Measuring rate	up to 2 sample per sec.		
Response time	2 s		
Interface	Bluetooth® (Bluetooth® Low Energy 4.0, Effective range: Open air 10m)		
Temperature of use	-10°C to 50°C		
Humidity	between 45% and 80% (check in manual)		
Stockage temperature	-20°C to 60°C (without batteries), HR < 80%		
Security	600V - CAT IV and 1000V - CAT III		
Standards	IEC/EN 61010-1, EN 61010-2-032, EN 61010-2-033		
Battery type	2 Batteries, IEC LR6, Alkaline (AA) Battery life: Alkaline 60 hours		
Auto Power Off	after 20 minutes		
Dimensions	120 x 288 x 35 mm		130 x 358 x 55 mm
Weight (without batteries)	230 g		230 g

Supplied with : safety measurement cables (SA101), manual, batteries.

For assistance and ordering

Sefram

32, rue Edouard Martel - BP55- 42009 - St Etienne - cedex 2
Tél. +33 (0) 4.77.59.01.01 / Fax. +33 (0) 4.77.57.23.23
Web : www.sefram.fr - e-mail : sales@sefram.fr



Thurlby Thandar Instrument Distribution
Glebe Road, Huntingdon, PE29 7DR, UK
+44 (0)1480 412 451
sales@ttid.co.uk
www.ttid.co.uk

TTid.co.uk
THURLBY THANDAR
instrument distribution

FT-SP297B-SP298B A 00 - Specifications can be updated without notice



Follow us on :



Visit our website: www.sefram.com