

# E25 & E27

AC/DC current clamps



- 5 mA to 80 A AC/DC
- Bandwidth up to 100 kHz
- Power supply by battery or by standard 5 V external  $\mu$ -USB power pack
- Automatic "Zero DC" correction
- Deactivatable automatic standby mode



## E25 & E27 AC/DC CURRENT CLAMPS

The current clamps in the E Series can be used to measure alternating and direct currents by means of Hall-effect technology. Their unique long, narrow shape facilitates measurement in confined spaces where access is difficult or when there are a large number of electrical cables and conductors present.

The clamps in the E Series are all equipped with an automatic DC Zero system and a deactivatable standby mode. They can be powered by a battery or a standard 5 VDC power pack (option) via their Micro USB connector.

They offer two different sensitivities and output an alternating and direct voltage signal (mVac+dc) which is a faithful image, in terms of the waveform and amplitude, of the current measured.



The E25 clamp, equipped with a cable terminated by 2 x Ø4 mm insulated male banana plugs, is the ideal complement for any multimeter or other measuring instrument.

The E27 clamp is an insulated current sensor whose wide bandwidth is useful for measuring and viewing complex AC+DC signals on an oscilloscope.

«Zero DC» control button

Control LED

ON/OFF and sensitivity selector switch

	E25	E27
	for multimeters	for oscilloscopes
Measurement range	5 mA .. 80 A DC / 60 A AC	100 mA .. 100 A peak
Bandwidth	20 kHz (-3 dB)	100 kHz (-3 dB)
Sensitivities (calibres)	1 mV/mA (1 V/A) 10 mV/A	100 mV/A 10 mV/A
Clamping diameter	11.8 mm	
Power supply	Internal: 9 V battery External: +5 VDC via female µUSB type B	
Output connections	2-wire cable 1.5 m long terminated by 2 x Ø4 insulated male banana plugs	Coaxial cable 2 m long terminated by 1 insulated BNC plug
Safety	IEC 61010-1 & IEC 61010-2-032 600V CAT III / 300V CAT IV	



### To order

CLAMP E25 CVH 1-100/1 ..... P01120025  
 CLAMP E27 CVH OSCILLO ..... P01120027  
 Delivered with 1 simplified user's manual, 1 safety datasheet, 1 verification certificate and a 9 V battery

Mains adapter 110:240V 50/60 Hz, USB 5 V 1 A ..... P01651023  
 and USB type A/µUSB-B power and connection cable

Carrying bag ..... P01298075  
 Dimensions 120 x 245 x 60 mm, compatible with MultiFix mounting system

### FRANCE

Chauvin Arnoux  
 12-16 rue Sarah Bernhardt  
 92600 Asnières-sur-Seine  
 Tél : +33 1 44 85 44 85  
 Fax : +33 1 46 27 73 89  
 info@chauvin-arnoux.fr  
 www.chauvin-arnoux.fr

### UNITED KINGDOM

Chauvin Arnoux Ltd  
 Unit 1 Nelson Ct, Flagship Sq, Shaw Cross  
 Business Pk Dewsbury, West Yorkshire  
 WF12 7TH  
 Tel: +44 1924 460 494  
 Fax: +44 1924 455 328  
 info@chauvin-arnoux.co.uk

### Middle East

Chauvin Arnoux Middle East  
 P.O. BOX 60-154  
 1241 2020 JAL EL DIB - LEBANON  
 Tel: +961 1 890 425  
 Fax: +961 1 890 424  
 camie@chauvin-arnoux.com