

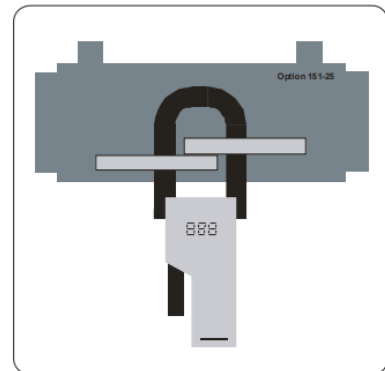
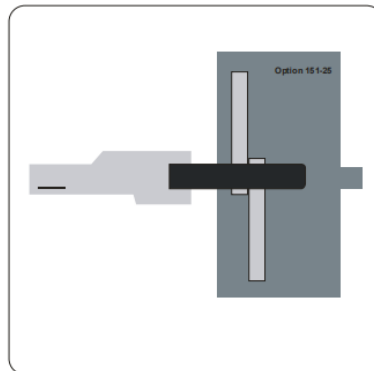


HIGHLIGHTS

- Designed for calibration of AC/DC clamp ammeters up to 3000 A
- Multiplier x25
- Active cooling

DESCRIPTION

151-25 Current coil has two mounted fans for active cooling during high load situations. Clamp meters should be calibrated in safe environment where no magnetic conductive parts could interfere with current coil's magnetic field and thus influence uncertainty of calibration. Clamp meter should be positioned as in the pictures below for best results.



GENERAL DATA

Rating	120 A
Number of coil turns	x 25
Accuracy	± 0.3 % for DC current ± 0.3 % for AC current up to 100 Hz
Typical x25 coil impedance*	50/60 Hz: 33 µH + 6 mΩ 1 kHz: 33 µH + 16 mΩ
Cross section area of the post	30 x 44 mm
Temperature range	5 °C – 40 °C
Power supply	12 VDC
Dimensions (W x H x D)	300 x 160 x 105 mm
Weight	approx. 4 kg

* Connecting a clamp meter to 151-25 Current Coil increases its total impedance, which in turn increases voltage drop at coil terminals for any given current and frequency combination. Increasing voltage drop beyond max. compliance voltage of current source (f.e. multifunction calibrator) will cause the current source to overload and trip. If this happens, reduce amplitude and/or frequency of set current to decrease voltage drop down below compliance voltage limit.