



## Description

The 9764 current probe adaptor converts the amplitude output of the 5045 oscilloscope calibrator to a square-wave current in the wire loop of one of three interchangeable heads. Set up is simple, with the oscilloscope current probe to be calibrated being clamped round the wire loop. It can also be used with the 5025 and 5051 multifunction calibrators when the oscilloscope calibration option (9770) is fitted.

## Ranges

The adaptor is supplied from the amplitude output of the oscilloscope calibrator with a 1 kHz square wave of 0 to 1 V pk-pk. Three heads are supplied with voltage to current conversion ratios of 100 mA / V, 1 A/V and 10 A/V.

## Waveform

The current square wave has slow rounded rising and falling edges to permit the unit to drive inductive loads without overshoot or ringing. If the current probe being calibrated introduces excessive inductance the adaptor compliance limit may be exceeded, in which case the compliance error light will come on.

## Specifications

Head	Ratio	Min current	Max current	Accuracy
1 turn	100 mA/V	10 mA	100 mA	0.5 % of value
10 turn	1 A/V	100 mA	1 A	0.5 % of value
100 turn	10 A/V	1 A	10 A	0.5 % of value

**Power**..... 4 x AA / LR6 alkaline. Do not use rechargeable Nicad or NiMH types.  
Switch off immediately after use.

**Dimensions / Weight**..... 142 x 78 x 50 mm / 0.6 Kg.

## Ordering Information

9764 ..... Oscilloscope Current Probe Adaptor

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

- ## Features
- Calibrate oscilloscope current probes
  - For use with the 5045 scope calibrator
  - Compatible with 5025/5051 models (with scope option)
  - Drive current 0.1 mA to 100 mA pk-pk
  - 0.5 % accuracy
  - Three interchangeable heads supplied
  - Compact design (142 x 78 x 50 mm)
  - Battery powered (4 x AA cells)

