

## Current Meter and Clamp



The ALS Current Meter is a hand held, digital meter designed to indicate current by direct measurement, or by using a current clamp, to within  $\pm 1\%$  of the correct value. This can be achieved even when measuring waveforms generated by Constant Current Regulators (CCR) with crest factors not exceeding 3.2, the maximum allowed in IEC61822. This small, portable instrument can also be used to safely set up the output from a CCR. The Current Meter is also included in the ALS sign Maintenance Kt.

### Specification:

- Current Meter's measurement range: 0 to 7A with a crest factor of 3.2 and up to 15A
- Current Meter Accuracy:  $\pm 1\%$  up to 7A and  $\pm 3\%$  between 8A and 15A
- Clamp current measurement range: 0 to 40A
- Clamp accuracy:  $\pm 1\%$  to greater 12A
- Display: 3 digits

### Features:

- Portable
- Robust
- Weather resistant
- Runs off a standard 9v battery
- Option to plug direct into secondary airfield lighting circuit, to use a clamp into the primary airfield lighting circuit
- Single button operation
- Automatic switch off
- Measures to an accuracy of  $\pm 1\%$  or up to a crest factor of 3.2 as specified by IEC 61822

### Applications:

- Set up output current from CCR
- Measure circuits on the airfield

### Electrical Data:

- Powered by a standard 9v battery

### Leads:

- For a secondary connection using standard style 7 sockets and style 2 plugs

### Dimensions:

- See diagram below

