



## Compact 600 Calibration Unit

Light and portable for the hard to get to jobs in the field. Robust and built to last.

Incorporating the accurate and stable, tried and tested loading and metering system of the Calibrator in a handy portable size and weight – 16 Kgs, battery powered so no mains supply required, also runs from welder OCV.

Calibrate any Mig, Tig or MMA welder up to 600A using our new software with load selection for all readings to make the job even easier and quicker.



SMP Calibrator - [Calibration Form - Please Fill In]

**Date:** 13/05/2024 **IEC 60974-14 CALIBRATION REPORT** **Report No:** PFI10009

Set Points	
Amps	Volts
30	21.2
150	26.0
270	30.8
380	35.2
500	40.0

Use Loads Below - NB. Pull For On, Push For Off

○ **2** ○ ○ **5** **6**

**150A 26.0V +/-10%**

Close

**Formulas**

- Equipment under test must be within +/-10% of set points for Amps and Volts  
n.b. Tolerance Applies to the Difference between equipment under test and the Calibrator Reading
- Amps must be within +/-2.5% of the Max Rated Current for Standard Grade and +/-1% for Precision Grade
- Voltage must be within +/-1.5Volts for Standard Grade and +/-0.6Volts for Precision Grade
- Conventional Load Values are: Voltage = [Amps X 0.04 ] + 20Volts

Edit Results