



MINICAL® IV

DC CURRENT AND VOLTAGE CALIBRATOR

Features

- High accuracy and reliability
- Robust and hard-wearing
- Supplied complete with UKAS certificate recognised to ISO/IEC 17025:2005

The Minical® IV is a high accuracy hand-held DC Current and Voltage Calibrator designed for the calibration of process control instrumentation, including transmitters, transducers, recorders, controllers and indicators.

The Minical® IV will calibrate from micro-volt and micro-amp levels to over 100mV/50mA in both read and generate modes, with the added ability to generate up to 20V DC. The Minical IV® also acts as a 4-20 mA Transmitter Simulator, which will operate in powered or unpowered loops.

Data entry is via a membrane keypad system with fast and slow increment/decrement keys providing rapid and precise output value settings. The membrane keypad is scratch resistant, splash-proof and free of potentiometers and switches.





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Due to our policy of continual product development we reserve the right to amend this specification without notice.

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Specification

Accuracy	+/-0.025% F.S.D.
Resolution	+/- 1 digit
Maximum Ambient Operating Temperature	40°C
Voltage Measurement	
mV range	0-199.99mV
V range	0-19.999V
Current Measurement	0-199.99mA
Voltage Generation	
mV range	0-199.99mV
V range	0-11.999V
Current Generation	0-50mA
Voltage Input Impedance	> 1M
Current Input Impedance	< 11
Maximum Input Voltage	+/- 60V DC
Maximum Input Current	+/- 300mA
Maximum Voltage across Current Generator	+200V
24V DC Supply	50mA max
Estimated Battery Life No load	25 hours
With 50mA load using the internal 24V supply	7.5 hours
LED Display	4½ digit display
Dimensions (with case)	140mm x 115mm x 245mm
Weight (with case)	1.5 kg

Supplied with:

carry case, test leads, charger unit, instruction manual and UKAS calibration certificate (recognised to ISO/IEC 17025:2005) issued by Haven Automation Ltd.

Laboratory No. 0295