

MS-420

Mini-Source Portable Calibrator



Accuracy by any measure

The Martel Electronics MS-420 Mini-Source Portable Calibrator is a multi-purpose process loop tool that offers high accuracy in an ultra-small, rugged package.

A single push button selects one of five current outputs (4, 8, 12, 16, or 20 mA), which can drive up to 300 Ohms, or can act as a 2-wire simulator with an external loop power supply of up to 30 VDC.

Each unit is provided with a 9 V battery, Traceable Certificate, and instruction manual

Typical Applications

- Chart recorder
- Panel meter
- Data acquisition
- Other process instruments

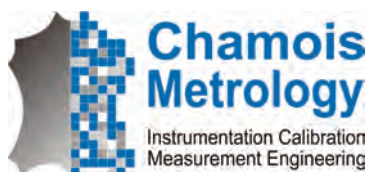
Specification

| | |
|------------------------------|---------------------------------------------|
| OUTPUT RANGE | Five current steps; 4, 8, 12, 16, and 20 mA |
| ACCURACY | ±0.075% of FS |
| VOLTAGE COMPLIANCE | |
| Source | Internal 9 V battery |
| Simulate | External supply; up to 30 VDC |
| POWER SUPPLY | 9 Volt alkaline battery |
| BATTERY LIFE | 50 Hours @ 4 mA output |
| TEMPERATURE RANGE | |
| Operating | 0 °C to +50 °C |
| Storage | 25 °C to +60 °C |
| MECHANICAL DIMENSIONS | |
| Size | 9.7 x 6.1 x 2.5 cm |
| Weight | 170 gms |
| OUTPUT TERMINATIONS | Two (2), 8" leads with alligator clips |



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All devices can be supplied with a UKAS accredited calibration certificate from our laboratory.



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