



1044 VOLTAGE AND CURRENT CALIBRATOR

The 1044 is designed to offer solutions in many applications from the R&D lab to the process/service engineer, and anywhere an accurate and low cost calibrator is required.

- Measure voltage and current
- Source voltage and current
- 3 voltage ranges 0-20V
- 3 current ranges 0-20mA
- 0.05% accuracy



1017 MULTIFUNCTION CALIBRATOR

The 1017 is a high performance portable DC calibrator for use in the field or laboratory. It is constructed in a durable, freestanding, plastic case with a tilt stand/carry handle.

- 0-100V in 5 ranges, 0-100mA in 1 range
- 0-10K Ω decade resistance
- Deviation function
- 0.005% accuracy
- 5ppm/day stability –
10ppm/ $^{\circ}$ C temp. coefficient



1021 MILLIAMPS SOURCE WITH NULL DETECTOR

The 1021 is a precision DC current source suitable for calibration and test applications from micro-amp levels up to 100mA.

- Null meter measures to 1 μ A resolution
- 0.02% accuracy
- 20ppm/hr stability
- 0-100mA output in 3 ranges
- Up to 40V output drive



1024 DC CURRENT CALIBRATOR

The 1024 is a solid state battery/mains powered precision DC current source suitable for calibration and test applications from nanoamp levels to 100mA.

- Null meter facility measures to 1 μ A resolution
- 0-100mA output in 5 ranges
- 0.02% accuracy
- 30ppm/ $^{\circ}$ C temp. coefficient
- Up to 15V output drive



1010 DC VOLTAGE CALIBRATOR

The 1010 is a solid state battery/mains powered instrument designed for a wide range of applications requiring a precision voltage source of low internal resistance.

- 0-10V in 5 ranges
- 0.02% accuracy
- 30mA output current
- Battery or mains operation
- 10ppm/hr stability



1030 LOW COST VOLTAGE/CURRENT SOURCE

The 1030 is a compact, low cost, portable voltage and current calibrator for general purpose signal injection. Three voltage ranges give an adjustable output from 10 μ V to 1V and two current ranges give 10 μ A to 100mA.

- 10mV, 100mV, 1V ranges
- 10mA, 100mA ranges
- 0.1% accuracy
- 0 - 8V available
- Precision 10-turn dial
- Battery Powered 9V PP3
- Battery level indicator



1090 PROCESS & TEMPERATURE CALIBRATOR

A portable, key-press operation instrument that combines source and measurement functions for thermocouples, RTDs, mV and mA. The 1090 features a memory storage function that holds frequently used values.

- Measures/Simulates 8 thermocouple types PT100-RTD, mV & mA
- Displays units in °C, °F, uV/mV or mA
- Automatic or manual cold junction compensation
- Inching and step functions with time configurable step time
- Large super-twist LCD display
- Sealed membrane keyboard



1048 VOLTAGE & CURRENT LOOP CALIBRATOR

A current, voltage, and process loop calibrator that covers the needs of an R&D lab and process control engineer. Source and measure in three current and voltage ranges, plus a transmitter simulator/sink function. It has 4.5 digit (0.005% of span) resolution.

- Measure & Source, voltage and current
- 3 Current ranges 0 - 22mA
- 3 Voltage ranges 0 - 22V
- Transmitter Function
- Voltage & Current accuracy 0.02% FS per range
- Auto Ranging Hi/Lo Resolution, Ramp and Step functions
- 4.5 digit display



7006/7007 LOOP-MATES 1 AND 2

The Loop-Mates are single function low-cost pocket sized units, designed for test and calibration of process loops.

- 4 - 20mA or 0 - 10V loops
- Auto-Step output - adjustable rate
- 7 calibration set-points
- TxSim and RxTest (Loop-Mate1)
- RxSim and TxTest (Loop-Mate2)
- Battery powered PP3
- Loop drive supply



5080 PAT-CAL2 CALIBRATOR FOR PATS

PAT-Cal2 is designed to provide rapid high accuracy calibration of PATs (Portable Appliance Testers) and Insulation / Continuity Testers. The 5080 has calibration functions for Earth Bond, Insulation, Leakage, Touch Leakage and Load Test. Safety interlock prevents contact with Earth Bond studs during Insulation and Leakage tests.

- Battery powered
- Voltage and current displayed on integral LCD digital meter
- Earth Bond currents up to 50A AC
- Load Test currents up to 13A AC
- Impact resistant case to IEC1010



5069 INSCAL INSULATION CALIBRATION SYSTEM

The 5069 is a precision instrument suitable for calibrating and testing general purpose insulation testers with test voltages up to 10kV.

- Display of open circuit voltage (0 - 2kV or 0 - 10kV)
- Display of short circuit current (0 - 2mA or 0 - 20mA)
- 10M ohm to 100G ohm in 4 decades
- Basic accuracy 1%
- 10kV max
- Battery operation
- Continuous connection - no arcing
- Fully shrouded safety connectors



5070 DUCTORCAL

The DuctorCal is a portable instrument suitable for calibrating high current Ductor Testers and Micro-Ohm meters. It contains 5 sets of high current rating standard resistors that simulate the resistance being measured.

- Calibrate Ductor Testers and Micro-Ohm meters
- 0.2, 2, 20, 200, 2000mΩ
- 5 point calibration: 0, 25, 50, 75, 100%
- Gold plated terminals
- Low thermal emf connection



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