

Metrology & Calibration

Product Update

Volume 2, Rev. 1

physiCAL

Pressure



The BetaGauge 330 hand held pressure calibrator is a small lightweight calibration device that generates pressures up to 1.50 PSIG using a high performance integrated electric pump. Also internal manual pump version up to 300 PSI.

Temperature



These dual zone Black Body calibrators are designed to quickly and easily calibrate infrared thermometers with a low and high calibration point. DBB calibrators allow you to preset the required temperatures and validate your IR thermometers.

Humidity



The Model 2000 Humidity Calibrator will generate chamber conditions for accurate and repeatable calibration of instruments, probes, recorders and data loggers quickly and accurately.

Process

3001 Process Lab Standard provides voltage, current, thermocouple, rtd and pressure channel with a second isolated measurement channel for a single laboratory calibration instrument. Accuracy of 0.0025%



MARTEL ELECTRONICS

Documenting

DMC-1400 Documenting Multifunction Calibrator

Maintain Calibration data for 50 instruments in non-volatile memory. Print Calibration Certificates without a PC!



electriCAL

DMM

8.5 Digit, 4ppm accuracy



The 8081 Digital Multimeter provides outstanding accuracy and linearity measurement performance together with ease of use.

Current, Resistance and Voltage



3000CS Precision Current Shunt Array
3000RS Precision Resistance Standard
3000ZR Precision Voltage Reference

Multi-Function



Bench Calibrator

3 Models available (8ppm, 25ppm & 50ppm). Designed to be the mainstay of a modern working laboratory, these calibrators can accommodate AC/DC Voltage to 1000V • AC/DC Current • Resistance • Capacitance • Frequency • Etc...

Nullmeter/Nanovoltmeter

The AVM2000 replaces & exceeds the functionality of the PPM model AVM100, Hewlett Packard HP419A, Fluke 845AB and Keithly 155.



Frequency & Phase

The A7-A frequency, phase and phase noise measurement system is a new Quartzlock product for measuring a wide range of frequency standards, isolation amplifiers, frequency multipliers and dividers and passive devices such as cables.

Quartzlock



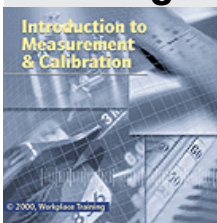
mechaniCAL

Mass

techniCAL also provides Balances, Bench Scales, Counting Scales, Load Cells, Precision Weighing and Industrial Weighing Solutions, including precision weights.



Training Programs



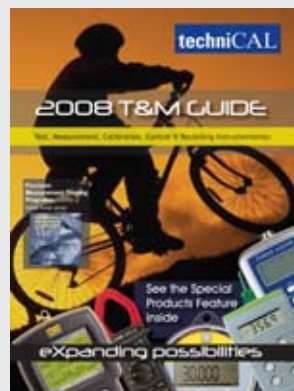
These CD-ROM (Computer-based) training for precision measurement, calibration and metrology courses offer a wide variety of subjects

Calibration Software



Proven Calibration Management Software designed to ensure compliance, enhance productivity and increase return on investment.

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