



Modular Pressure Calibrator

MODEL 390

FEATURES

- Accuracy to 0.025% on all module ranges
- Built-in switch testing capability
- Reads 0 to 50mA
- 16 Selectable engineering units
- Easy-to-use bottom mount plug-in pressure modules
- Dual pressure/mA display

The Transmation **QuikCal™** 390 Calibrator is a precision electronic instrument designed to accurately measure and display pressure and mA signals. In addition, the hand-held unit has a built-in switch test mode.

The **QuikCal™** 390 uses the Transmation 90 series family of pressure modules. For a full listing of available ranges and specifications please refer to the 90 Series modules datasheet. Each module is individually characterized to provide 0.025% accuracy.

The bottom mount plug-in pressure module with NPT fittings allows simple connection to the process for calibration. The **QuikCal™** mounts directly onto some hand pumps allowing true one-handed operation.

The switch test feature is designed for use with non-powered pressure switches. The unit is capable of testing both normally open or normally closed switches with rising or falling pressures. The **QuikCal™** 390 immediately indicates a make or break of the connection by freezing the pressure display to avoid measurement errors.



ORDERING INFORMATION: 390

390P Model 390 Pressure Calibrator (without modules)

MODEL 390 Specifications

Pressure Ranges/Resolution:	Refer to individual pressure module datasheets
Pressure Engineering Units:	PSI; Pa; Kpa; Mpa; Bar, mBar; Atm; Kg/cm; mm Hg; in HG @ 0°C and 15°C; in H ₂ O @ 4°C, 15°C, 20°C and 23°C
Electrical Engineering Units:	mA; % of 4 – 20 mA; % of 10 – 50 mA
Electrical Input Connections:	Double insulated, full-size banana jacks
mA Input Range:	0-55 mA (No live Zero)
mA Resolution:	0.001 mA
mA Accuracy:	±0.01%FS
Temperature Effect:	0.005% / °C (mA Input only)
Switch Test:	Dry contacts only (Display will freeze when switch test inputs change state)
Operating Temperature:	-10°C to 50°C (13°F to 122°F)
Storage Temperature:	-30°C to 85°C (-22°F to 185°F)
Zero Adjustment:	Via front panel pushbutton (pressure only)
Display:	2-line, 16 character alpha-numeric display
Power:	Five AA alkaline batteries
Size:	165mm x 81mm x 58mm (6.5" x 3.25" x 2.25")
Weight (inc. batteries):	0.4kg (14.5 oz.)



Master distributor of Transmation products.

CALL: 1-800-828-1470



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