

MicroCal 20 DPC

Highlights

External "Smart" Pressure Modules

Connection for external "SMART" pressure modules. Calibration matrix and range are stored on the sensor. Gauge, Absolute and Differential models available. Accuracy $\pm 0.025\%$ F.S.

Graphic LCD display

Large display with text and graphic capabilities. The rugged LCD is protected by a polycarbonate window from scratches and impacts.

Mini-DIN TC connector

Isothermic binding TC's with RJ connector

Keyboard

19 key sealed rubber keypad.

Two Internal Pressure Sensors

Dual AISI316 built-in pressure sensors (up to 290 psi). Gauge, Absolute and Differential models available. Barometric reference sensor capability. Accuracy $\pm 0.025\%$ F.S.

Ambient Temperature, Relative Humidity, and Barometric pressure

You can include in documenting report the ambient temperature, pressure and the relative humidity.

Documenting Calibration Procedure

ONE KEY to enter in Calibration Procedure Mode. Select the TAG and run the calibration procedure. All procedure data are loaded from PC and Calibration report can be downloaded to the PC with CalpMan software.

Automatic Backlight Sensor

The photoelectric sensor will detect dark condition switching on backlight when necessary. Manual operation is also available.

Battery charger



Model	CH1	CH2	Pressure internal	Pressure external	Accuracy
MicroCal 20 MAV	IN (V, mA)	OUT (V, mA)	NO	OPT.	$\pm 0.02\%$
MicroCal 20 DPC basic	IN	OUT	NO	OPT.	$\pm 0.02\%$
MicroCal 20 DPC plus	IN	OUT	OPT.	OPT.	$\pm 0.01\%$
MicroCal 20 DPC XP	IN	IN/OUT	OPT.	OPT.	$\pm 0.006\%$

MicroCal 20 DPC

Modular design giving total flexibility



Applications

Factor

post for compensation.

2 channels

Dual simultaneous IN/OUT channels. mV, V, mA (active and passive loop), TCs, 3/4w RTDs, Frequency, Pulse. High accuracy, high repeatability and low drift.

Four operative mode: measure, simulate, measure/simulate and measure/measure.

Connection System

Eurotron design (Patent pending) multi-connection binding post.



RS232

	HART protocol	EC module
rdg	OPT.	OPT.
rdg	OPT.	OPT.
rdg	OPT.	OPT.
% rdg	OPT.	OPT.

TEMPERATURE TRX CALIBRATION

Tc to 4-20mA Transmitter
IN
OUT
CH1 - IN
CH2 - OUT

PRESSURE TRX CALIBRATION

Pressure to 4-20mA Transmitter
CH1 - IN
PL
PH
Hand held pumps

THERMOCOUPLE CALIBRATION

TC
WKS
CH1 - IN
CH2 - IN
MicroCal T100
Furnace

All descriptions are related to a fully optioned instrument. See last page for the different configurations.