



BetaGauge II

Field-Portable, Precision Calibration, Hot-Swappable Range Modules, AND Documenting

Features:

- Available pressure ranges - any two companion modules
- DC electrical measurements; 0.01% accuracy
- Pressure measurements; $\pm 0.025\%$ FS
- 128 by 128 pixel, 63 by 63 mm LCD display with on-demand backlighting
- Pressure displayed in 13 standard engineering units
- MIN/MAX recall
- % Error
- Field Calibrator Interface Standard (FCINTF) compatible
- ESD protection on all pins; EMI shielding
- Intrinsically safe; Class 1, Division 2, Groups A, B, C, and D
- CE approved; EC92 compliant

Please see [BetaPort-P Pressure Module Data Sheet](#) for available pressure ranges and specifications

Description:

The BetaGauge II is a two-channel pressure calibrator, with interchangeable modules for measuring a variety of pressure ranges and DC electrical signals.

The BetaGauge II becomes a documenting calibrator when used with our versatile, menu-driven, PC-based ProCAL Software. Used together, they can create a centralized database, with a history for every pressure instrument and pressure I/O loop in your plant, with minimal guesswork and data entry. The BetaGauge II's RS232 port also permits use with key software programs from manufacturers like Cornerstone, Honeywell Loveland, Emerson AMS, and others.

The BetaGauge II uses two independent, hot-swappable, field changeable pressure modules, available in a wide variety of pressure ranges to redefine calibrator versatility. Changing ranges is as easy as plugging in new input modules, which can be done even while the unit is powered up.

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The BetaGauge II automatically recognizes the signals and assigns them to the proper channel. This plug-in design simplifies maintenance, too. The base unit needs no recalibration; only the input modules do. That means you never have to be out of service – you send only the out-of-calibration modules back to the shop, while continuing to use the BetaGauge II in the field. For optimum mechanical strength, external pressure connection is made by a 1/8" FNPT 316SS connector welded to a stainless steel metal plate.

The BetaGauge II is supplied with a standard voltage/current input module, an external battery pack (NiCd, rechargeable) and trickle charger, test leads, manual, carrying case, and 9-pin D shell serial cable.