

## Features – Complete System

- Multi-function capabilities
- Modular concept
- Can be used as indicator and calibrator
- Individual components can be used as stand-alone instruments
- Allows significant inventory reductions

## Features – Multifunction Calibrator

- Can be used to measure, source and simulate
- Hart configurator
- Easy-to-use, with video quality touch screen, which can be operated by a gloved hand
- Weather-proof to IP 65
- Can display up to 6 active readings
- Digital interface for pressure modules and future options
- Available with a range of add-on modules, including, wireless adaptor and Intecal Field Calibration documenting module
- Available in Windows CE version
- Long-life Lithium-Polymer battery pack

## Features – Pressure Modules

- Fully interchangeable with no need for set-up or calibration
- Simple screw fit – no tools required
- Ranges from 25 mbar to 1000 bar
- Uncertainty from 0.025% FS, 1 year, 0 –50°C

## Features – Pressure Stations

- Advanced pressure generation
  - 95% vacuum to 20 bar pneumatic
  - 95% vacuum to 100 bar pneumatic
  - 0 to 1000 bar hydraulic
- Can act as stand-alone pressure generators

## Modularity Brings A Whole New Perspective To Multi-Function Test Instruments and Calibrators

The Advanced Modular Calibration System uses three basic components to provide the multi-functionality to perform duties formerly requiring a wide range of different instrument:

- Its basic component is an ultra-compact, electrical, frequency and temperature calibrator, which provides simultaneous measurement and source capabilities.
- Pressure measurement is provided by interchangeable pressure modules that can be attached to the calibrator by a pressure module carrier.
- If pressure generation is required the calibrator and pressure module can be attached to one of three pressure generation stations, to form a fully-integrated pressure calibrator, of unparalleled performance.

---

# Advanced Modular Calibrator

Combines an advanced multi-function calibrator with world-class pressure measurement and generation.



GE imagination at work

## The DPI 620 - A Compact and Powerful Electrical Calibrator

The DP620 electrical calibrator can measure and source mA, mV, V, Ohms, frequency and a variety of RTDs and T/Cs. It provides an isolated 24V loop power supply to energise devices and control loops. A stabilized dc voltage supply is available for ratio metric transducers. A HART digital configurator is provided for setup and calibration of HART devices.

## The DPI 620CE – A Multifunction Electrical Calibrator with Windows CE

The Windows CE-driven version of the electrical calibrator provides all the computing power of a conventional hand-held PC or PDA, including wireless internet access and remote communication via a mobile phone.

## Pressure Modules

The pressure modules can be used in conjunction with the relevant pneumatic or hydraulic pressure station and the DPI 620 multifunction calibrator to form an integrated pressure calibrator for test and calibration of pressure instruments including transmitters, transducers, switches, gauges, indicators and recorders.

## Pressure Stations

There are three pressure generation bases: the PV 621, a pneumatic pressure generator for pressures up to 20 bar; the PV 622, a pneumatic pressure generator for pressures up to 100 bar; and the PV 623, a hydraulic pressure generator for pressures up to 1000 bar.

## DPI 620 Multifunction Calibrator Accessories

- Intecal Field Calibration Manager
- Soft carry case
- Hard transit case
- 300 V AC probe
- Spare battery
- External battery charger
- USB cable
- USB to RS 232 converter
- Wireless module



Measure and source mA, mV, V, ohms, frequency, RTD's and thermocouples.



Re-rangeable dual channel pressure measurement from 25 mbar to 1000 bar



©2008 GE. All rights reserved.  
920-437A

All specifications are subject to change for product improvement without notice. GE® is a registered trademark of General Electric Co. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies, which are not affiliated with GE.

