



# PACE1000

## Precision pressure indicator

A high precision Druck pressure indicator, designed for test bench, bench top and panel mount calibration, test and monitoring applications.

### Features

- Single or multiple pressure range configurations
- Up to three pressures displayed simultaneously
- Utilities Druck's new unique range of piezo-resistive and Resonant Pressure Sensor technology
- Full scale pressure ranges up to 1000 bar (14500 psi/100 MPa)
- Choice of precision up to 0.001% FS
- Long term stability up to 0.001% FS
- Barometric reference option
- Airfield Task as standard with barometric option: Display QFE, QFF or QNH in pressure units or as altitude in feet or meters
- Negative gauge calibration included as standard
- Data Logging as standard with on screen replay
- Selectable numeric or graphic display
- High resolution touch screen operation
- Intuitive icon driven task menu structure
- Switch Test/Analogue Output option
- Switch Test/Voltage Free Contact option
- Aeronautical option
- Leak Test option
- RS232, IEEE connectivity, Ethernet and USB as standard
- Min/Max/Average display
- Compatible with software packages
- 28 selectable pressure units plus 4 user defined units
- Various service support options available

## PACE precision pressure indicator

The new PACE precision pressure indicator brings together the latest measurement technology from Druck to offer an elegant, flexible and economical solution to pressure measurement for test, calibration and monitoring.

PACE employs digitally characterized pressure sensors which offer the quality, stability and precision associated with this latest generation of piezo-resistive and resonant devices.

PACE1000 offers a wide choice of standard pressure ranges, with three levels of precision to ensure that PACE1000 can accommodate specification and budget requirements.

The colour touch screen display of the PACE1000 can be configured by a user to indicate up to three pressure measurements from a possible five sensor inputs; three internal sensors and two external universal pressure modules.

The indication configuration extends to an ability to display in a numeric or graph format and also a differential of P1-P2 if more than two sensors are installed. The indicated display can be logged over a customized time period, sample rate and trigger. All the pressure sensor measurement can be retransmitted via one of the communication ports.

The Airfield task is supplied as standard with the Barometric option and enables the user to display QFE, QFF or QNH in pressure units or as altitude in feet or meters.

## PACE 1000 options

### Leak test

Leak Test measures leak rate over the measure dwell time. At the start of the test, the instrument measures the applied test pressure of the user system. The instrument records the pressure change during measure dwell time. On completion the display shows the leak rate results, with leak rate per second or per minute in the current pressure units selected.

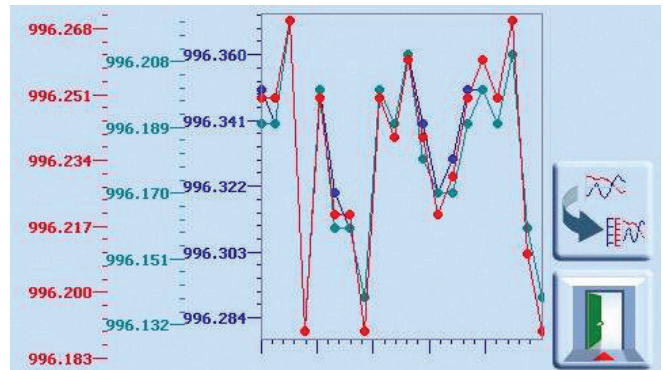
### Switch test – standard with the analogue output or voltage free contacts option

Switch Test automates the testing of pressure switch devices. Following the test, displayed is the pressure at which contacts open and close and the switch hysteresis. Switch Test task can also be set to capture switch toggle max, min and average values.

## Analogue output

The Analogue Output can be programmed via the setup menu screen to output a signal proportional to the instrument range selected. This allows the instrument to interface with PC or PLC I/O cards, remote displays, chart recorders or other data logging equipment.

Users can select outputs of 0 to 10 V, 0 to 5 V, -5 to 5 V and 0/4 to 20 mA. Precision with respect to host instrument measured pressure 0.05% FS over the host instrument operating temperature range, variable update rate to 80 readings per second. The option is programmable between minimum and FS pressure for proportional output against pressure.



## Volt free contacts

Volt Free Contacts enable control of peripheral devices such as vacuum pumps, ovens, etc. Each VFC option has three independent volt-free NO/NC relay contacts. A number of conditions can be set within a PACE1000 instrument to trigger a relay toggling its contacts.

## Aeronautical aviation

Available ranges: 55,000ft/650 knots or 75,000ft/1000 knots  
Indication available in pure aeronautical units:

Altitude – feet or meters

Air speed – knots or km/hour, mph

Mach – mach number

Derived pressure at mean sea level and barograph for barometric applications.

# Specifications

| Pressure measurement                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IPS pressure ranges:                              | 25, 70, 200, 350 and 700 mbar gauge, 1, 2, 3.5, 7, 10, 20, 35, 70, 100, 135, 172, 210 bar gauge, 350, 420, 700 and 1000 bar absolute<br>0.35, 1, 3, 5, 10, 15, 30, 50, 100, 150, 300, 500, 1000, 1500, 2000, 2500, 3000 psi gauge, 5000, 6000, 10000 and 14500 psi absolute<br>2.5, 7, 20, 35, 70, 100, 200, 350, 700 kPa gauge, 1, 2, 3.5, 7, 10, 13.5, 17.2, 21 MPa gauge, 35, 42, 70 and 100 MPa absolute<br>All gauge versions available with negative calibration as standard. For pseudo absolute/gauge pressure range – select any range and add barometric option                                    |
| IRS pressure ranges:                              | 1,2.5,7,10,20,35 and 70, 100, 135, 172, 210 bar pseudo gauge<br>2,3.5,8,11,21,36,71,101, 136, 173 and 211 Bar absolute<br>15, 36, 101, 145, 290, 507, 1015, 1450, 1958, 2494, 3046 Psi pseudo gauge<br>29, 44, 73, 116, 160, 305, 522, 1030, 1465, 1973, 2509, 3060 psi absolute<br>0.1, 0.25, 0.7, 1.2, 3.5, 7, 10, 13.5, 17.2 21 MPa pseudo gauge<br>0.2, 0.3, 0.5, 0.8, 1.1, 2.1, 3.6, 7.1, 10.1, 13.6, 17.3, 21.1 MPa absolute                                                                                                                                                                           |
| IRS-B barometric reference ranges:                | 750-1150 mbar absolute, 10.9-16.7 psi absolute, 75-115 kPa absolute                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Over range indication:                            | 10% above mbar/bar full scale pressure range.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pressure media:                                   | Not suitable for use with Oxygen or combustible gas<br>Pressure ranges 3.5 bar and above compatible with Stainless Steel 316 and Hastelloy C 276<br>Gauge ranges below 3.5 bar and absolute ranges below 3500 mbar abs: Dry, oil free, non-corrosive gas or air.<br>For low pressure ranges below 350 mbar or 5 psi, please consult your sales representative                                                                                                                                                                                                                                                |
| Display                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Panel                                             | ¼ VGA wide format 4.3 inch colour graphics LCD c/w integral touch screen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Comms update rate                                 | 8 times per second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Display update rate readout                       | 2 times per second<br>± 9999999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pressure units                                    | mbar, bar, Pa(N/m <sup>2</sup> ), hPa, kPa, MPa, mmHg @ 0°C, cmHg @ 0°C, mHg @ 0°C, inHg @ 0°C, mmH <sub>2</sub> O @ 4°C, cmH <sub>2</sub> O @ 4°C, mH <sub>2</sub> O @ 4°C, mmH <sub>2</sub> O @ 20°C, cmH <sub>2</sub> O @ 20°C, mH <sub>2</sub> O @ 20°C, kg/m <sup>2</sup> , kg/cm <sup>2</sup> , torr, atm, psi, lb/ft <sup>2</sup> , inH <sub>2</sub> O @ 4°C, inH <sub>2</sub> O @ 20°C, inH <sub>2</sub> O @ 60°F, ftH <sub>2</sub> O @ 4°C, ftH <sub>2</sub> O @ 20°C, ftH <sub>2</sub> O @ 60°F, User Defined 1, User Defined 2, User Defined 3, User Defined 4 (Feet and Meters in Airfield task) |
| Performance over the calibrated temperature range |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| IPS0 standard precision                           | 0.02% Rdg + 0.02% FS (25 mbar: 0.20% Rdg + 0.20% FS, 70 mbar: 0.10% Rdg + 0.10% FS, 200 mbar: 0.04% Rdg + 0.04% FS) includes linearity, hysteresis, repeatability and temperature effects, assumes steady state temperature and regular zeroing (for absolute ranges an IRS-B needs to be installed)                                                                                                                                                                                                                                                                                                         |
| IPS1 high precision                               | 0.01% Rdg + 0.01% FS (25 mbar: 0.10% Rdg + 0.10% FS, 70 mbar: 0.05% Rdg + 0.05% FS, 200 mbar: 0.02% Rdg + 0.02% FS) includes linearity, hysteresis, repeatability and temperature effects, assumes steady state temperature and regular zeroing (for absolute ranges an IRS-B needs to be installed)                                                                                                                                                                                                                                                                                                         |
| IPS2 premium precision                            | 0.005% Rdg + 0.005% FS (25 mbar: 0.05% Rdg + 0.05% FS, 70 mbar: 0.025% Rdg + 0.025% FS, 200 mbar: 0.01% Rdg + 0.01% FS) includes linearity, hysteresis, repeatability and temperature effects, assumes steady state temperature and regular zeroing (for absolute ranges an IRS-B needs to be installed).                                                                                                                                                                                                                                                                                                    |
| IPS long term stability                           | 0.01% Rdg per annum 2 bar to 1,000 bar (30 psi to 14,500 psi). 0.02% Rdg, 1bar and 0.03% Rdg, 25 mbar – 700 mbar. Assumes regular zeroing (for absolute ranges an IRS-B needs to be installed).                                                                                                                                                                                                                                                                                                                                                                                                              |
| Negative gauge precision                          | Maximum error at any given pressure value is equal to maximum error at the equivalent positive pressure value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| IRS0 standard precision                           | 0.01% FS includes linearity, hysteresis, repeatability and temperature effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| IRS1 high precision                               | 0.005% FS includes linearity, hysteresis, repeatability and temperature effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| IRS2 premium precision                            | 0.0025% FS includes linearity, hysteresis, repeatability and temperature effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| IRS 3 Reference precision                         | 1.3-3.5 bar absolute 0.0010% FS includes linearity, hysteresis, repeatability and temperature effects<br>8-211 bar absolute 0.0015% FS includes linearity, hysteresis, repeatability and temperature effects*                                                                                                                                                                                                                                                                                                                                                                                                |
| IRS0-B standard precision barometric reference    | Precision for the optional barometric reference 0.10 mbar or 0.001450 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F).                                                                                                                                                                                                                                                                                                                                                                                                                   |
| IRS0-B standard precision barometric reference    | Precision for the optional barometric reference 0.10 mbar or 0.001450 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F).                                                                                                                                                                                                                                                                                                                                                                                                                   |
| IRS1-B high precision barometric reference        | Precision for the optional barometric reference 0.05 mbar or 0.000725 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F).                                                                                                                                                                                                                                                                                                                                                                                                                   |
| IRS2-B premium precision barometric reference     | Precision for the optional barometric reference 0.025 mbar or 0.0003625 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F)                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IRS3-B reference precision barometric reference</b> | Precision for the optional barometric reference 0.020 mbar or 0.0002901 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F)                                                                                                                                                                                                                                                                                                                                                                 |
| <b>IRS long term stability</b>                         | IRS0-IRS3 1300-3500 mbar absolute 0.0025% FS per annum, barometer 0.1 mbar/0.001450 psi per annum<br>IRS3 8-211 bar absolute 0.001% FS per 28 days*, barometer 0.1 mbar/0.001450 psi per annum                                                                                                                                                                                                                                                                                                                                                              |
| <b>IRS3 accuracy</b>                                   | Absolute ranges 1300, 2000, 3500 mbar accuracy (2 Sigma) over calibrated temperature range 0.0004%RDg + 0.0027% FS.<br>8-101 bar 0.0011% RDG + 0.0026 % FS*<br>136 Bar 0.0025% RDG + 0.0023 % FS*<br>173 Bar 0.0026% RDG + 0.0022 % FS*<br>211 Bar 0.0027% RDG + 0.0022 % FS*<br><br>Includes measurement precision, measurement long term stability (see below) and calibration equipment expanded uncertainty. Pseudo gauge range accuracy (3.5bara and below) will need to include the barometer uncertainty using the RSS (root sum of squares) method. |
| <b>Pseudo absolute mode precision</b>                  | Gauge mode precision + barometric precision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pseudo gauge mode precision</b>                     | absolute mode reference precision + barometric precision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

\*To achieve optimum performance zeroing against an IRS3-B internal barometer is recommended every 28 days. Long term stability will be subject to the specification of the barometric reference used, quoted figures are for IRS3-B.

Pseudo-gauge option available. Note that atmospheric tare against the barometer and calibration via SCPI commands is not available in this mode. In this mode, Baro will be available for manual taring only.

|                                                                    |                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                                                  |                                                                                                                                                                                                                                                                                                                                                |
| <b>Power Supply</b>                                                | 90 VAC to 130 VAC @ 47 to 63 Hz and 180 VAC to 260 VAC @ 47 to 63 Hz. 15 VA                                                                                                                                                                                                                                                                    |
| <b>Communications</b>                                              |                                                                                                                                                                                                                                                                                                                                                |
| <b>Communication</b>                                               | RS232, USB and IEEE-488, SCPI, DP1141, DP1142 and DP1150 emulation. LabVIEW drivers Ethernet (VXI-II and Sockets using SCPI).                                                                                                                                                                                                                  |
| <b>Data log</b>                                                    | Display screen shot stored in CSV format, onto memory card or external USB storage device. User defined update rate from 1 second.                                                                                                                                                                                                             |
| <b>Environmental</b>                                               |                                                                                                                                                                                                                                                                                                                                                |
| <b>Temperature</b>                                                 | Operating Calibrated      10°C to 50°C (50°F to 122°F)<br>15°C to 45°C (59°F to 113°F)<br>Storage                            -20°C to 70°C (-4°F to 158°F)                                                                                                                                                                                     |
| <b>Sealing<br/>Humidity<br/>Vibration<br/>Shock<br/>Conformity</b> | IP20 (EN60529), indoor use only 5% RH to 95% RH non-condensing.<br>Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2<br>Mechanical shock conforms to EN61010<br>Electrical safety - Global (IEC61010-1, UL61010-1, CSA 22.2, No. 61010-1 and CB test certificate), LVD (EN 61010-1). EMC EN61326, PED, ROHS and WEEE. CE marked |
| <b>Physical</b>                                                    |                                                                                                                                                                                                                                                                                                                                                |
| <b>Weight</b>                                                      | 3.2kg (excluding external PSU and packaging) to 6.5 lbs (including external PSU and packaging)                                                                                                                                                                                                                                                 |
| <b>Dimensions</b>                                                  | 218 mm wide x 88mm (2U) high x 250 mm deep (8.6in x 3.5 (2U) x 9.8 in)                                                                                                                                                                                                                                                                         |
| <b>Pressure connection</b>                                         | G 1/8 Female (1/8 NPT Female by adaptor, standard for North America) 25 mbar to 210 bar. 9/16 18 UNF Autoclave male 350 bar to 1000 bar.                                                                                                                                                                                                       |

# Ordering information

Please state the following (where applicable)

## 1. Model PACE1000

| PACE chassis                                            | *PACE internal sensor – IRS absolute | *PACE internal sensor – IRS-B absolute | *PACE internal sensor – IPS gauge | *PACE internal sensor – IPS absolute | 1 X Switch Test/<br>Voltage Free<br>Contact option<br>or Switch Test/<br>Analogue<br>Output option | 2 X Switch Test/<br>Voltage Free<br>Contact option<br>or Switch Test/<br>Analogue<br>Output option | Leak Test and<br>Aeronautical<br>option |
|---------------------------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------|
| PACE1000<br>no internal sensor<br>3 X IDOS connection   | ○                                    | ○                                      | ○                                 | ○                                    | •                                                                                                  | •                                                                                                  | •                                       |
| PACE1001<br>1 X internal sensor<br>2 X IDOS connection  | •                                    | •                                      | •                                 | •                                    | •                                                                                                  | ○                                                                                                  | •                                       |
| PACE1002<br>2 X internal sensors<br>2 X IDOS connection | •                                    | •                                      | •                                 | •                                    | •<br>(not available<br>if 1 IPS gauge is<br>selected and no<br>IRS-B)                              | ○                                                                                                  | •                                       |
| PACE1003<br>3 X internal sensors<br>2 X IDOS connection | •                                    | •                                      | •                                 | •                                    | ○                                                                                                  | ○                                                                                                  | •                                       |

- Available
- Not Available

\*Please state precision for each IPS/IRS selected.

## 2. Options

The range of optional features includes:

- Leak Test – Automatically measures leak rates in the desired units/minute or units/seconds
- Switch Test/Analogue Output – Accurate calibration of pressure switches/integration into older ATE applications
- Switch Test/Voltage Free Contacts – Accurate calibration of pressure switches/automatically triggering ancillary devices
- Aeronautical – Allows for the test and calibration of aeronautical instruments
  - Please state the required range:  
55,000ft/650 knots or 75,000ft/1000 knots
- Pseudo gauge only option for IRS3

## 3. PACE chassis – Area of use/mains lead

Please state area of use for instrument set up:

Europe  
North America  
Japan  
Asia  
Rest of the world

Please state area of use for mains lead:

UK  
Japan  
EU  
USA  
South Africa/India  
China

## 4. IPS/IRS precision

Standard precision – IPS0  
High precision – IPS1  
Premium precision – IPS2

Standard precision – IRS0  
High precision – IRS1

Premium precision – IRS2  
Reference precision – IRS3  
Standard precision – IRS0-B  
High precision – IRS1-B  
Premium precision – IRS2-B  
Reference precision – IRS-B



PACE1000 from the rear

## 5. PACE Internal Pressure Sensor ranges – IPS

| bar        | psi         | Pa          |
|------------|-------------|-------------|
| 25 mbar g  | 0.35 psi g  | 2.5 kPa g   |
| 70 mbar g  | 1 psi g     | 7.0 kPa g   |
| 200 mbar g | 3 psi g     | 20.0 kPa g  |
| 350 mbar g | 5 psi g     | 35.0 kPa g  |
| 700 mbar g | 10 psi g    | 70.0 kPa g  |
| 1 bar g    | 15 psi g    | 100.0 kPa g |
| 2 bar g    | 30 psi g    | 200.0 kPa g |
| 3.5 bar g  | 50 psi g    | 350.0 kPa g |
| 7 bar g    | 100 psi g   | 700.0 kPa g |
| 10 bar g   | 150 psi g   | 1.0 MPa g   |
| 20 bar g   | 300 psi g   | 2.0 MPa g   |
| 35 bar g   | 500 psi g   | 3.5 MPa g   |
| 70 bar g   | 1,000 psi g | 7.0 MPa g   |
| 100 bar g  | 1,500 psi g | 10.0 MPa g  |
| 135 bar g  | 2,000 psi g | 13.5 MPa g  |
| 172 bar g  | 2,500 psi g | 17.2 MPa g  |
| 210 bar g  | 3,000 psi g | 21.0 MPa g  |
| 350 bar a  | 5000 psi a  | 35 MPa a    |
| 420 bar a  | 6000 psi a  | 42 MPa a    |
| 700 bar a  | 10000 psi a | 70 MPa a    |
| 1000 bar a | 14500 psi a | 100 MPa a   |

## PACE Internal Resonant Pressure Sensor ranges – IRS

| bar           | psi         | Pa           |
|---------------|-------------|--------------|
| 35-1300 mbara | 0.5-19 psia | 3.5-130 kPaa |
| 35-2600 mbara | 0.5-38 psia | 3.5-260 kPaa |
| 2 bara        | 30 psia     | 200.0 kPaa   |
| 3.5 bara      | 50 psia     | 350.0 kPaa   |
| 8 bara        | 116 psia    | 0.8 MPaa     |
| 11 bara       | 160 psia    | 1.1 MPaa     |
| 21 bara       | 304 psia    | 2.1 MPaa     |
| 36 bara       | 522 psia    | 3.6 MPaa     |
| 71 bara       | 1,029 psia  | 7.1 MPaa     |
| 101 bara      | 1,465 psia  | 10.1 MPaa    |
| 136 bara      | 1,973 psia  | 13.6 MPaa    |
| 173 bara      | 2,509 psia  | 17.3 MPaa    |
| 211 bara      | 3,060 psia  | 21.1 MPaa    |
| 1 bar pg      | 15 psi pg   | 100.0 kPa pg |
| 2.5 bar pg    | 36 psi pg   | 250.0 kPa pg |
| 7 bar pg      | 100 psi pg  | 700.0 kPa pg |
| 10 bar pg     | 150 psi pg  | 1.0 MPa pg   |
| 20 bar pg     | 300 psi pg  | 2.0 MPa pg   |
| 35 bar pg     | 500 psi pg  | 3.5 MPa pg   |
| 70 bar pg     | 1000 psi pg | 7.0 MPa pg   |
| 100 bar pg    | 1500 psi pg | 10.0 MPa pg  |
| 135 bar pg    | 2000 psi pg | 13.5 MPa pg  |
| 172 bar pg    | 2500 psi pg | 17.2 MPa pg  |
| 210 bar pg    | 3000 psi pg | 21.0 MPa pg  |

## PACE barometric option\*

### PACE Internal Resonant Sensor Barometer ranges – IRS-B

| mbar            | psi               | kPa          |
|-----------------|-------------------|--------------|
| 750-1150 mbar a | 10.9 – 16.7 psi a | 75-115 kPa a |

\*Provides absolute pressure option in addition to gauge pressure. In absolute mode adds barometric pressure to gauge pressure range. For absolute mode ranges below 1 bar please consult your sales representative.



External IDOS universal pressure module

## 6. Physical accessories

Please order the following as separate line items:

| Part number      | Description                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IO-ADAPT-G1/4    | Adaptor G1/8 Male to G 1/4 Female                                                                                                                                 |
| IO-ADAPT-1/8NPT  | Adaptor G1/8 Male to 1/8 NPT Female                                                                                                                               |
| IO-ADAPT-1/4NPT  | Adaptor G1/8 Male to 1/4 NPT Female                                                                                                                               |
| IO-ADAPT-7/16UNF | Adaptor G1/8 Male to 7/16 – 20 UNF Female                                                                                                                         |
| IO-ADAPT-AN4     | Adaptor G 1/8 Male to AN4 37 Deg Male                                                                                                                             |
| IO-ADAPT-AN6     | Adaptor G 1/8 Male to AN6 37 Deg Male                                                                                                                             |
| IO-ADAPT-BARB    | Adaptor G 1/8 Male to 1/4 Hose                                                                                                                                    |
| IO-ADAPTOR-KIT   | Contains one of each of the above adaptors                                                                                                                        |
| IO-ADAPT-9/16AC  | Adaptor 9/16 18 UNF Autoclave Female to 1/8 NPT Female                                                                                                            |
| IO-SNUBBER-1     | Snubber reference port                                                                                                                                            |
| IO-DIFF-KIT-LP   | Differential connection kit low pressure: Helps reduce the impact of thermal and/or pressure changes in ambient conditions occurring during the measurement cycle |
| IO-RMK-P1000     | 19" rack mount kit                                                                                                                                                |
| IO-PAN-P1000     | 19" panel mount kit                                                                                                                                               |

## 7. Supporting services

### Services ordering information:

Please order the following as separate line items:

### Calibration

| Part number | Description                              |
|-------------|------------------------------------------|
| UKAS        | PACE1000 Accredited Pressure Calibration |



PACE Family

## PACE – pressure calibration and test solutions

PACE1000 – Precision Pressure Indicator

PACE1001 Barometer – Precision Barometric Indicator and Recorder

PACE5000 – Single Channel Pressure Controller Chassis

PACE6000 – Dual Channel Pressure Controller Chassis

CM0 – Standard precision high speed pressure controller module

CM1 – High precision high speed pressure controller module

CM2 – Premium precision high speed pressure controller Module

CM3 – Reference precision high speed pressure controller module

## Related products

Druck manufacture a wide range of pressure transducers, transmitters, indicators, calibrators, controllers and Air Data test systems. Our range of portable calibrators also cover temperature and electrical parameters.

Please refer to [www.bakerhughesds.com/druck/](http://www.bakerhughesds.com/druck/) pressurecontrollers for further information.



**Per avere più informazioni**

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