

Pressure & Humidity Transducers and Calibrators



Pressure Transducer

Pressure transducer :
 clamp connection 0-5 bar absolute
 output 0-10V or 4-20 mA,
 accuracy of 0.2 %
 calibrated at 121°C
 stainless steel membrane 316L,
 power supply 24 V



Humidity transducer accessories

Solutions for humidity probe calibration

Humidity transducer

Humidity transducer:
 RH 0-100 %
 Temperature -20 to 60 °C
 2 m (6.6feet) cable length, output 0-1 V



Pressure Transducer Calibrator

Pressure range:
 CPC_010Système A10 psi / 0.7 bar
 CPC_030Système A30 psi / 2bar
 CPC_200Système A200 psi / 15 bar
Specifications:
 Precision pressure positive :± 0.05% of FS
 Precision vacuum: 0.1 % of reading + 2 lsd
 Compensation of temperature± 0.005% of FS / °C
 Maximal surcharge: + 50% FS
 Compatibility: gas - non corrosive & liquid
 Connection: 1/8 in. NPT female
 Display: dual information (LED) plus
 Update display : 2 times / second
 Min/Max Peak hold capability 99 milliseconds
 mA input precision 0 - 25 mA ± 0.010% reading + 2µA
 Switch test supply max 0 V
 Power supply: 1 x 0 Volt alkaline
 Indicator of low battery : 3.7 volt



Signal Calibrator Jofra ASC 300

Wide function signal calibrator with high accuracy.

Input and output

- RTD: 14 different types
- TC: 13 different types
- Current 0-36 mA/DC
- Voltage 0-50 V DC
- Frequency 0 to 10 KHz
- Pulse train output
- Resistance 5 to 4000 Ohm

High level of protection with full fuseless protection to 240 VAC.

Simultaneous read-back including isolated read-back from device-under-test of mA, V, and pressure.

Fast RTD simulation this feature is fast enough to work with all pulsed transmitters.







Calibrate pressure at varying reference levels using external pressure modules with accuracy up to 0.01% F.S.

Calibrate temperature using JOFRA dry-block calibrators with accuracy up to 0.04°C / 0.07°F.

Multi-information graphical display for simultaneous reading of both output and read-back.

Full remote control of all functions with the help of simple ASCII commands.

Thermal Validation Accessories - Pressure & Humidity Transducers

	<p>Feedthrus (stainless steel):</p> <ul style="list-style-type: none"> - allows introducing of up to 20 thermocouples inside autoclaves, freeze dryers etc... - leak free guaranteed
	<ul style="list-style-type: none"> - Stainless steel Y for connecting simultaneously feedthrus and pressure transducers - Kapton tape - Smart gaskets platinum catalyzed - Clamps for smart gaskets - Regular gaskets platinum catalyzed
	<ul style="list-style-type: none"> - Thermocouples - special limits, for thermal validation process: <ul style="list-style-type: none"> - accuracy: 0,25°C - excellent moisture resistance (teflon) - teflon thermocouples: - 200 to 316°C - kapton thermocouples: - 200 to 427°C
	<ul style="list-style-type: none"> - Special insert for clamp probes to be calibrated on Lives temperature blocks
	<ul style="list-style-type: none"> - Adapters for most autoclaves
	<ul style="list-style-type: none"> - Special inserts for Lives temperature blocks