

Thermal Validation Accessories - Pressure & Humidity Transducers



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

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



Humidity transducer accessories

- Solutions for humidity probe calibration

Pressure Transducer Calibrator

Pressure range:

- CPC_010	Système A	10 psi / 0.7 bar
- CPC_030	Système A	30 psi / 2bar
- CPC_200	Système A	200 psi / 15 bar

Specifications:

Precision pressure positive :	$\pm 0.05\%$ of FS
Precision vacuum	$\pm 0.1\%$ of reading + 2 lsd
Compensation of temperature	$\pm 0.005\%$ of FS / °C
Maximal surcharge:	+ 50% FS
Compatibility:	gas non corrosive & liquid
Connection:	1/8 in. NPT female
Display:	dual information LCD plus
Update display :	2 times / second
Min/Max Peak hold capture:	50 milliseconds
mA input:	precision 0 - 24 mA : $\pm 0.015\%$ reading + 2 μ A
Switch test:	supply max 9 V
Power supply:	1 x 9 Volts alkaline
Indicator of low battery :	à 7 volt



Signal Calibrator Jofra ASC 300

Multi-function signal calibrator with high accuracy.

- Input and output
- RTD: 14 different types
 - TC: 13 different types
 - Current 0-24 mA DC
 - Voltage 0-20 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.

