

ProComm

Electronic Commissioning Unit



Ultimate accuracy and simplicity in the measurement of differential pressure and flow rates of water in HVAC systems.
The essential instrument for system balancing.

ProComm

State of the-art electronics, microprocessor and hydraulics in one compact unit



The ProComm makes the on-site measurement of differential pressure and flow rates of water in HVAC systems an extremely simple operation.

With a range of sophisticated features providing extremely accurate measurement, coupled with a database of over 1300 valves from 34 manufacturers worldwide, the ProComm is the ultimate instrument for commissioning engineers.

Ease of use

The nine button keypad allows simple navigation through the menu system that provides the option to select the most appropriate screen for the work being carried out. This can show the full parameter of data available or simply a screen showing just the differential pressure - useful for those wishing to use the ProComm as a simple manometer.

DISPLAY
FLOW/PRE SSURE
MULTI DISPLAY
PRE SSURE
FLOW
PRE SSURE SCOPE
ABOUT

ZERO DP
5.3 kPa
0.26 L/S
CRANE FIXED D931 15mm

Unlike any other commissioning unit, the most commonly used functions – Flow and Pressure – are shown as the default screen from the Display menu. This means that for most general commissioning purposes the most valuable data is shown at the touch of a button – in large text.

Sophistication

Accuracy of measurement is one of the most important elements of the function of commissioning units. The ProComm gives differential pressure readings with accuracy better than 1% or 100 Pascals, plus, an integral damping system further improves reading confidence on unstable systems.

This level of accuracy is achieved with the use of the latest wet/wet sensor technology. ProComm incorporates a unique crossover valve arrangement designed to protect the sensor, if exposed to high differential pressures.



Convenience

Designed to be as portable as possible, the compact and light weight unit is easily operated in the hand or may be clipped to a lanyard.

The complete ProComm unit includes:

- 1 x Carry case
- 1 x Hand held transducer and display unit
- 2 x Connector tubes with isolating valves (2 metres)
- 2 x Straight Mechseal style adaptors
- 2 x Angled Binder style adaptors
- 1 x PP3 battery
- 1 x Lanyard
- 1 x Set of operating instructions
- 1 x Calibration certificate
- 1 x Quick start guide

Technical Specification

Calibrated Range: 0.3 kPa to 250 kPa
Accuracy: +/- 0.03 kPa 0.3 to 1kPa
 +/- 0.05 kPa 1.0 to 10 kPa
 +/- 5% 10kPa to 250kPa

Maximum Static Pressure: 10Bar

Resolution: 0.01 kPa < 100kPa
 0.1 kPa >100kPa

ENVIRONMENT

Media Temperature: Max 95° C
Storage Temperature: Ambient (Avoid low temperature to protect unit/sensor)

Power Supply: PP3 9v battery.

Effective Operating Time: 20 hrs with standard alkaline PP3 battery
 (Dependent on use of backlight)

Calibration: Annual calibration is recommended.

Valve Database: 1300 valves stored including all major European manufacturers.

Pre-set Defaults

	Set Default	Menu Option	The following settings can be changed by the user:	
Language	English	French Italian Spanish	Design Flow	0 l/sec
Pressure	kPa	Pa psi bar feet H ₂ O Inches H ₂ O metres H ₂ O mm H ₂ O cm H ₂ O	Target Flow	0%
Flow	l/sec	l/min l/hr galls/m (imp) galls/m (US) m ³ /hr	Flow Alerts	ON
Temperature	Celsius	Fahrenheit	Light Timer	10 Minutes
			Auto off Timer	10 Minutes
			DP Cut Off	30 kPa
			Update time	1 second
			Sample time	3 seconds
			Specific Gravity	01:00