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Next Generation High Accuracy Digital Backflow Prevention Device Test Kit GI-DBT2

MEETS NEW WATER REGULATIONS IN RPZ AIM ISSUE 3.

We are proud to introduce our NEW next generation high accuracy digital backflow prevention device test kits.

Our model GI-DBT2 incorporates a state-of-the-art digital, full 316 stainless steel D.P. sensor and display, with temperature display and a range of 0/100 kPa, a resolution of 0.1 kPa and accuracy of +/- 1% [or better].

There are no moving parts in the D.P. indicator, therefore eliminating corrosion, hysteresis and poor measurement accuracy.

SPECIFICATIONS	Model	GI-DBT2
	Range (D.P.)	0/100 kPa (expanded range 0/1000 kPa)
	Resolution	0.1 kPa
	Accuracy	+/- 1% (or better)
	Temperature Range	-30 / 80°C
	Protection Class	IP65
	Power Supply	Long Life Lithium Battery
	Over-Pressure Protection	2000 kPa
	Memory	Min/Max Values
	Line Temperature	Degrees °C
	Inlet Filters	Sintered Brass



Made in Australia
By Gould Instruments



Operating Instructions

Next Generation High Accuracy Digital

Backflow Prevention

Device **Test Kit** GI-DBT2



Kit contains:



Flowmeter Test Kit



Carry Case with foam insert



Valves, strap & hoses

Operating Instructions

- 1) Upon receipt, remove the digital gauge and hoses from the carry case.
- 2) Ensure that the main (large) display is reading zero or within ± 0.2 kPa.
- 3) Attach the hoses as follows-
Red - inlet 1 (H.P.)
Blue - inlet 2 (L.P.)
Yellow - outlet/drain port 3
- 4) Flush out the hoses by opening and closing the test ports on the valve being tested.
- 5) Carry out testing, in accordance with the appropriate sequence for the particular type of testable valve, in accordance with the new water regulations in RPZ AIM issue 3.
- 6) Upon completion of testing, always remove and drain excess water from the hoses and the digital gauge.
- 7) It is also good practice to remove the sintered inlet strainers periodically and clean them.

Note: mains pressure readings can be obtained by using the H.P. (red hose) and closing valve #1.

Supplementary Notes

- 1) When measuring very low differential pressures, you need to place the digital gauge as close as possible to the height of the valve being tested, due to both the accuracy/sensitivity of our gauges, and also "head height" effects.
- 2) Prior to a test, you can re-zero the gauges by simultaneously pressing and holding both soft keys on the gauge, until "off" (Offset) is displayed, repeat until you have 0.0 kPa.

Optional Functions

Gould Digital Backflow gauges also have optional fluid temperature indication and high/low recording ability. These items can be used by scrolling through the menu, using the right side soft (up) key. When you reach either the 'min' or 'max' display, press and hold the right side (up) soft key until the min/max display reverts to 0.0 kPa. You can now perform a new test. Then, upon completion, review the data.



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