NEW!

GOULD INSTRUMENTS

gouldinstruments.com.au
Phone: + 61 (07) 4779 6760 Email: brian@gouldinstruments.com

Digital **Fire Hose Reel Flowmeter** GI-DFHRFM3

AUSTRALIAN MADE

We are proud to introduce our NEW next generation high accuracy digital fire hose reel flowmeter.

Our new model incorporates a digital turbine flow sensor, housed in a 3D printed enclosure.

HIGH ACCURACY

SPECIFICATIONS

Model	GI-DFHRFM3
Range	0/150 L/min, 0/2500 kPa
Resolution	0.01 L/min, 1 kPa
Accuracy	+/- 1% (or better)
Temperature Range	-30 / 80°C
Power Supply	Long Life Lithium Battery and 2 x AAA Batteries

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Operating Instructions
Digital **Fire Hose Reel Flowmeter** GI-DFHRFM3

Kit contains:

Flowmeter Test Kit

Carry Case with foam insert

Operating Instructions

1) Firstly, roll out the fire hose reel to a suitable drain/discharge point, and flush out any debris or impurities from the hose reel.
2) Isolate the fire hose reel with the hose reel inlet isolation valve.
3) Attach an appropriate cam-lock fitting over the nozzle, using additional rubber packers, as required, to obtain a snug seal, the cam-lock fitting is then connected to the inlet of the GI DFHRFM3 Flowmeter. If the nozzle is a parallel type, remove the rubber o-ring (if fitted), and slide the rubber hose/cam lock fitting over the nozzle, and secure with the supplied hose clamp.
4) On the inlet of the Flowmeter, fully close the ball valve, and install a drain hose, using the supplied cam-lock/19mm barb adaptor, and a suitable length of hose, to allow tidy flow to an outlet point.
5) You can now slowly open the hose reel inlet isolation valve, and observe and record the static line pressure. Now slowly open and control the flow using the inlet valve on the flowmeter, you will see the accumulated total begin to register. To observe and record the flowrate, simply press and hold the "reset" button, this is the dynamic flowrate in litres/ minute, if you inadvertently press the reset button repeatedly, you will see 01, 02, 03, 04, 05, (these are individual, resetable subtotals), then back to normal total.

   If you inadvertently press the "total" button, it will scroll through a number of options, then back to 0.00.
6) Upon completion of test, close the hose reel inlet isolation valve, remove flowmeter, close hose reel nozzle, fully open hose reel inlet valve, then roll up the hose reel, ready for normal use.
7) When the "low bat" icon is observed, in a dry location, carefully remove the front cover with a small philips screwdriver (4 screws, at the rear of the flow indicator), and replace the batteries (AAA), then re-fit front cover, ensuring the o-ring seal is in place.

   The digital pressure indicator can be re-zeroed at any stage (when the flowmeter is disconnected, and there is zero pressure, by pressing and holding both buttons simultaneously, repeat until 0 kPa is displayed, they have a long lithium battery warranted for 12 months.
8) Return the Flowmeter for annual re-calibration and service, to ensure a long, accurate life.

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