

## THE MONSTER METER™

### USER GUIDE

Item#: GK MM250

#### OVERVIEW

Thank you for using The Monster Meter™. Please read this guide before using the product and keep it handy for future reference. The Monster Meter™ is designed for use with the In-Line Pitotless Nozzle™ to enable the user to obtain and store instantaneous flow-rate readings. It is water-resistant and rugged to survive normal rigors of on the job use.

It is designed for use with the following Hose Monster devices:

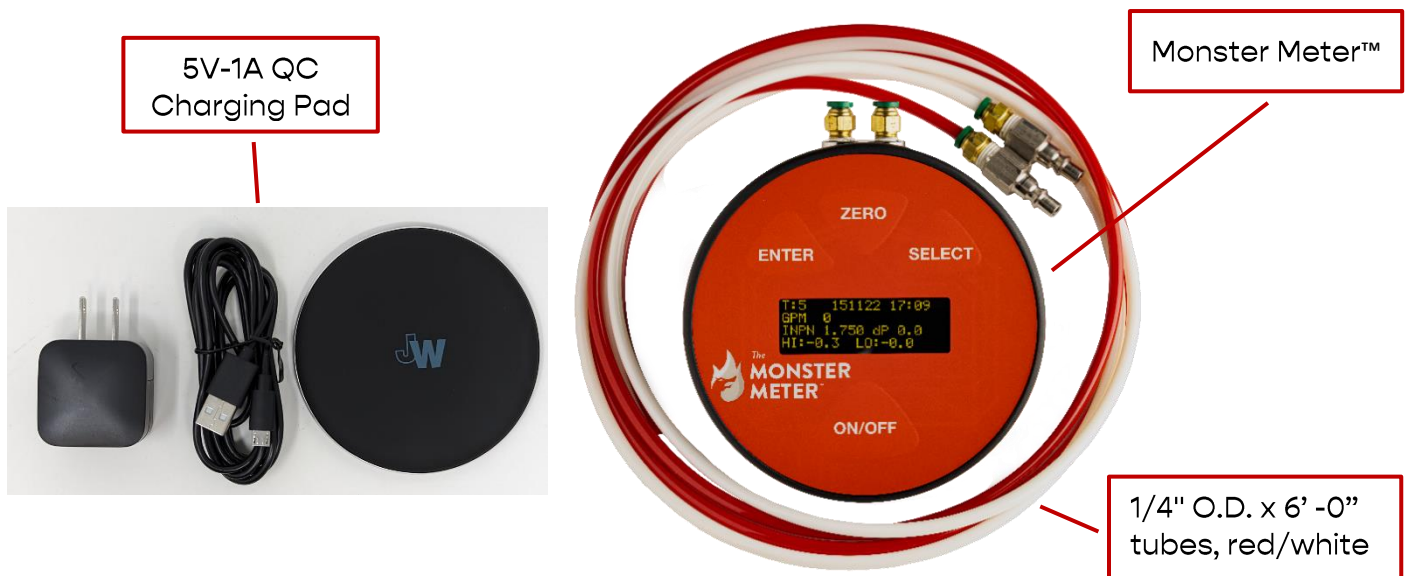
INPN1.5  
INPN1.125  
INPN1.75  
INPN2.0

Key features:

- Displays real-time flow-rate, high/low/differential pressures
- Precise – 0.3% of read
- Saves 256 time-stamped flow tests for future reference
- Water-resistant
- Low battery indicator

#### COMPONENTS INCLUDED

1 - Monster Meter™  
1 - 1/4" O.D. x 6' -0" tubes, red/white, 290 psi rated  
1 - 5V-1A QC Charging Pad



Please note - This User Guide corresponds with the In-Line Pitotless Nozzle™ User Guide. Be sure to read both. Refer to SAFETY below before flowing.

### **OPERATION – INITIALIZATION**

a) Charge Monster Meter:

- Plug Charging pad into 100-240V outlet
- Place Monster Meter onto charging pad
- Full Charge will take approx. 4 hours
- Verify charging status by light indicator on charging pad
  - Blue = Charging
  - Green = Charge Complete
  - No Light = Check Connections



b) Press the 'ON/OFF' button. The MAIN MENU display shows the version number and max psi range.

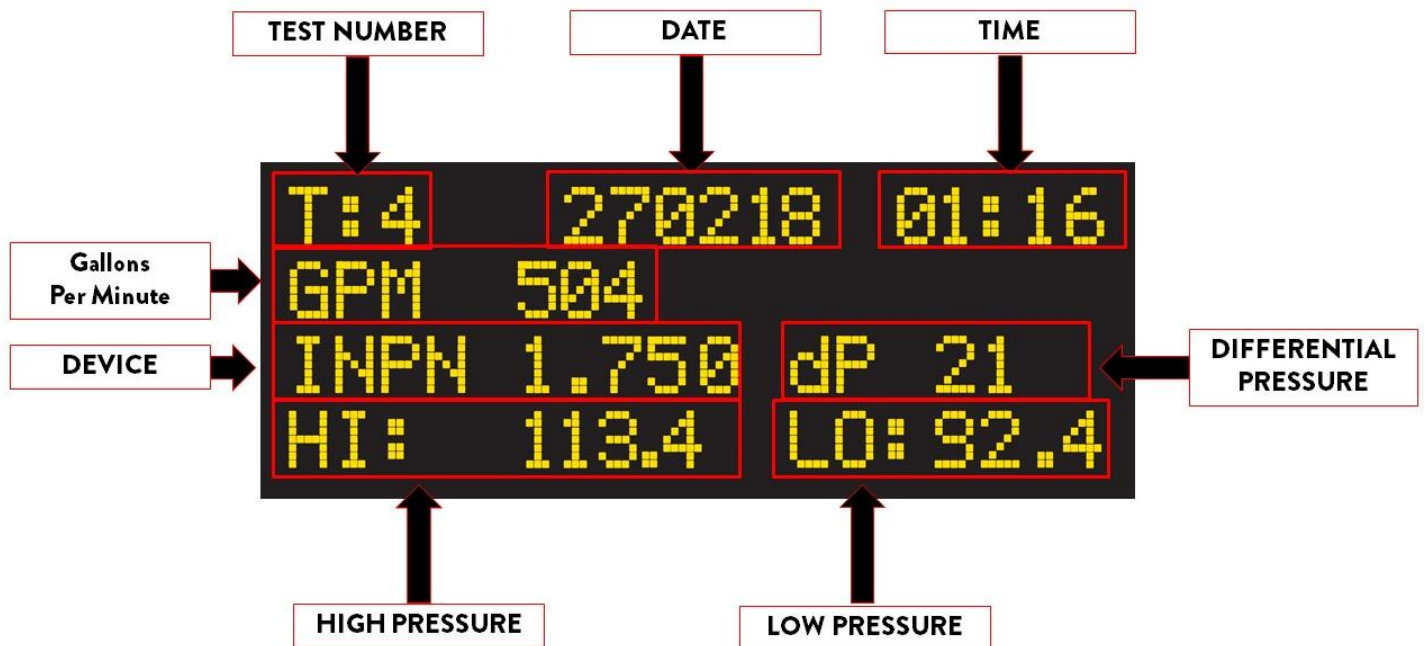
- To set Date and Time:
  1. Press 'SELECT' - the Maintenance screen displays.
  2. Press 'ZERO' - follow prompts to enter date and time. The last step displays the MAIN MENU again.
- To select the flow device:
  1. Press 'ENTER'
  2. Press 'SELECT'- to scroll through devices.
  3. Press 'ENTER' to select

## OPERATION – TESTING

- Press the 'ON/OFF' button
- Press 'ENTER' to continue
- Press 'SELECT' to choose different flow device, or 'ENTER' to continue.
- *Meter Zeroing Screen*. The Monster Meter™ verifies there is no pressure connected to it. Press 'ENTER' to continue.
- *Input Pressure Screen*. HI and LO pressure reading displayed. Press 'ZERO' to zero-out input pressures, or 'ENTER' to continue
- *Connect Input Test Pressure Screen*. Attached red/white tube set to HI/LO ports, respectively. Make sure all air has been purged from tube set prior to connecting to Monster Meter™. Press 'ENTER' to continue.

The Monster Meter™ is ready to measure flow rates.

### TEST DISPLAY SCREEN



To save and store a test results:

- Press 'SELECT' button. The letter 'H' will appear in the lower right corner of display. The test result is being held, stable.
- Press 'SELECT' button again. Press 'SELECT' to save the result, 'ZERO' to dismiss.

To recall saved test results:

- From Main Menu, press 'Select' button
- Press 'ENTER' button, to recall data.
- To scroll saved test results, press 'SELECT' to advance and 'ZERO' to retreat.

## STORAGE

After each use,

- a) Remove the tube set.
- b) Position upside-down to allow water to drain from the HI/LO manifold.
- c) Dry the Monster Meter™ off with soft cloth or towel.
- d) Do not subject to freezing

## MAINTENANCE

Calibration:

To achieve optimal performance, it is recommended that the Monster Meter™ be calibrated on an annual basis. This service will ensure the Monster Meter™ is functioning as it was designed and producing accurate test results. Please contact our office for a Return Authorization and further instructions.

## TECHNICAL INFORMATION

Performance and Accuracy

- 0 to 250 psi operating pressure; +/- 0.3% Read.
- Vacuum: -13Hg to 0 psi
- Operating Temperature: 32 to 131 °F
- Display -OLED with Polarizer. Wide angle readability in dark and bright sunlight conditions.
- Proof Pressure to 375 psi before damage to pressure transducer

Dimensions and Weight

Weight: 26.8 oz. (760 gm)

Dimensions: 6.12" (155.5mm) diameter x 3.05" (77.5mm)

## WARRANTY

**For all sizes of: Hose Monster®, The Little Hose Monster™, Big Boy Hose Monster®, Pitotless Nozzle®, In-line Pitotless Nozzle™, Dechlor Demon™, Monster Tester™ and Monster Meter™.**

These products are warranted against manufacturing defects for a period of **two years** from the date of sale.

Specific warranty exclusions include, but not limited to:

- Pitots / Refurbished Pitots
- Normal or excessive wear and tear.
- Products not properly maintained, operated, installed, or used in an application not approved.
- Products on which the labels, markings, nameplates, etc., have been tampered with.
- Products which have broken factory seals or have been tampered with shall void the warranty.
- Products that have been changed, altered, or modified in any fashion, shall void the warranty.

This warranty applies only to the HFP manufactured products listed above. All other products fall

under their original manufacturer's warranty, if applicable. The unit will be repaired, replaced, or partially refunded at the manufacturer's discretion. If found defective, contact The Hose Monster Company at **888-202-9987** for the procedure and Return Authorization (RA).

The manufacturer and its distributors are not responsible for any damage or injury caused by the use of this product. The use of this product involves heavy water flow which can be damaging and dangerous. Please work safely and direct water discharge away from any people or property that may be affected.

## **SAFETY**

**CAUTION:** ALL CONNECTIONS IN THIS ASSEMBLY MUST BE ATTACHED SECURELY. DIRECT WATER DISCHARGE AWAY FROM ANY PEOPLE OR PROPERTY THAT MAY BE AFFECTED. DO NOT ATTACH THE DEVICE TO THE END OF A HOSE UNLESS A HOSE MONSTER® IS ATTACHED TO IT OR UNLESS THE HOSE IS PROPERLY SECURED. THE USE OF THIS PRODUCT INVOLVES HEAVY WATER FLOW WHICH CAN RESULT IN SERIOUS INJURY OR DEATH IF USED IMPROPERLY. PRODUCTS THAT HAVE BEEN ALTERED OR MODIFIED IN ANY WAY POSE A SAFETY RISK AND WILL VOID THE MANUFACTURER'S WARRANTY. THE MANUFACTURER AND ITS DISTRIBUTORS ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY CAUSED BY THE USE OF THIS PRODUCT.

For questions or comments please call The Hose Monster Company at **888-202-9987** or email **[service@hosemonster.com](mailto:service@hosemonster.com)**.

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