

MODELS: PT-60, PT-100, & PT-200

# SpotOn®

## Pressure Tester

- Includes interchangeable needles for multi-uses
- Patent Pending
- 1 Year Warranty
- Made In USA



Innoquest Item #  
26970 (PT-60)  
26620 (PT-100)  
26630 (PT-200)

# Product Manual



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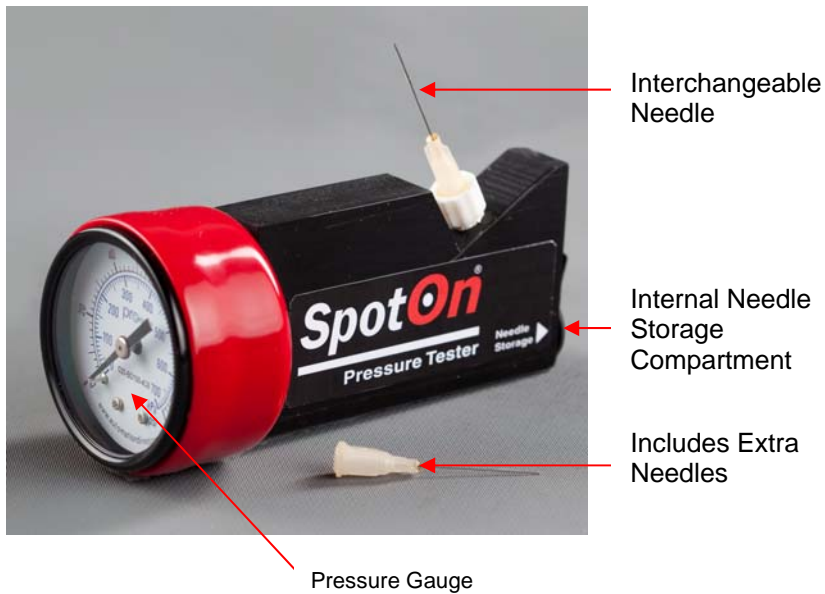
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## 1.0 Safety Information

When used this tester accepts pressure from inside the sprayers supply piping which results in deflection of the pressure gauge. When the needle is removed from the nozzle under test a small amount of water or solution will be expelled from the needle which results in a stream being emitted from the needle tip that can reach several feet from the tester. Please use caution to avoid getting water or solution in your eyes or other parts of your body.

## 2.0 Introduction

### 2.1 Meter Diagram



### 2.2 Features:

- Measure nozzle supply pressure without shutting down
- Easy handheld operation
- Works with sprayer and irrigation nozzles

## 3.0 Specifications

**Range:** PT-60 → 0-60 psi (0-4 Bar)  
PT-100 → 0-100 psi (0-7 Bar)  
PT-200 → 0-200 psi (0-14 Bar)

**Accuracy:** +/- 2.5%

**Temp Range:** 32 to 150°F (0 to 65°C)

**Size:** 2.2" Dia.(5.6cm) x 5.0" Long(12.7cm)

**Weight:** 0.4 lbs (180g)

**Country of Origin:** Made in USA

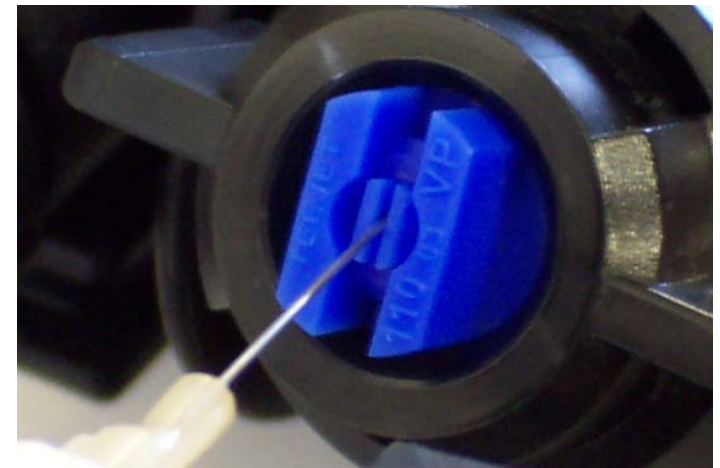
## 4.0 General Operation

### 4.1 Taking a Measurement:

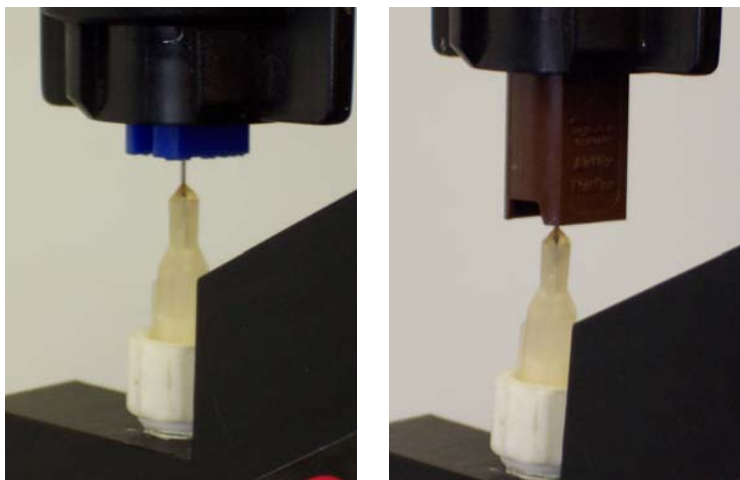
4.1.1. Remove needle from storage compartment and install on white fitting with gentle twisting motion.



4.1.2. Insert needle into nozzle's orifice - usually done while nozzle is running. (Shown dry here for clarity of picture)



**4.1.3.** Fully insert needle inside nozzle to accurately measure pressure supply to nozzle. Note: Air Induction nozzles will require inserting the needle inside the primary orifice fully for accurate pressure readings. This may require use of the extra long needle. The bent needle is designed for use with irrigation nozzles. (see next page for needle selection)

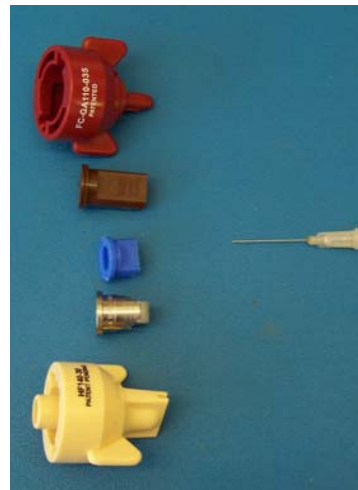


**4.1.4.** Read the pressure from the gauge. It may take a second or two to reach full pressure due to the small diameter of the needle.

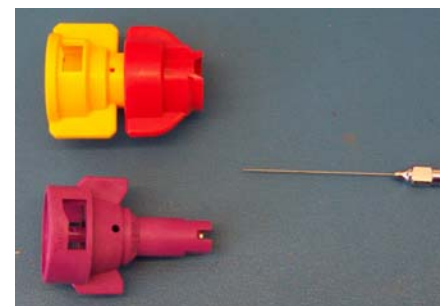


## 4.2 Needle Selection

Standard Needle



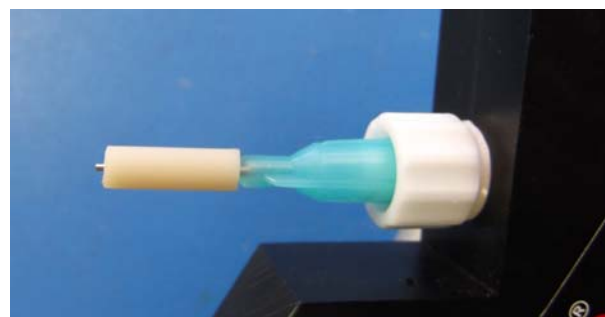
Extra Long Needle



Bent Needle for Irrigation Pitot Tube Method



Sealing Needle for Cone Nozzles



### 4.3 Irrigation Examples (with bent needle)



## 5.0 Warranty & Service

### One Year Warranty

Innoquest, Inc. warrants this product to be free from defects in materials and workmanship under normal use and service for a period one (1) year from date of purchase. This warranty extends only to the original purchaser and shall not apply to any product which, in Innoquest's sole opinion, has been subject to misuse, alteration, abuse, or abnormal conditions of operation or handling. Innoquest's obligation under this warranty is limited to repair or replacement of the product which is returned to Innoquest. Innoquest accepts no liability for whatever damages may be caused by a malfunctioning product.

### Repair & Service Policy

Product returned to Innoquest for repair or service must follow the guidelines set forth as follows: Return of the product for warranty or service repair will be the responsibility of the purchaser (Innoquest does not pay inbound shipping charges). All returns must receive an RMA number by **calling** Innoquest prior to return of the product. The RMA number must be clearly marked on the outside of the shipping carton. If the customer is returning product for non-warranty related repair or service, a minimum charge will apply for accessing the product's repair needs and further work will not be completed without the customer's approval.

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