

## Meter Calibration Quick Guide

### General Meter Rig Set up

- Meter rig should be sitting on a leveled base
- Meter mounting bracket needs to be level in order for meter to hang correctly and give accurate results

### Vacuum level

- Needs to be at **15”hg**
- **DO NOT** start calibration until this level is attained

### Initial water volume

- **16.0 liters** if measured by metric unit flask
- **16.0 kg** if weighed using metric unit scale
- **4.23 gal** if measured by standard unit flask
- **35.3 lbs** if weighed using standard unit scale

### Fast-Flow

#### **APPROVED FOR TRU-TEST**

- **63”** -- From the water restrictor to the meter flask top
- **Straight Line** -- NO BENDS from pail to meter inlet
- **:55 to 65 Seconds**
  - Tru-Test **wide bore meter** should finish in this time  
**ONLY** use the **Wide Bore approved pail & wand**
- **:68 Seconds** --
  - Tru-Test **standard bore meter** should finish in this time

### Standard-Flow

#### **APPROVED FOR ALL TYPES OF METERS**

- **24”- 36”**--
  - position of Air admission inlet **from** the meter inlet
- **#60** drill bit -- used to make the **air admission inlet**  
**OR**
- **16 gauge** needle slanted with the water flow
- **4:34** -- meters should finish in this amount of time
- **8 lbs/minute** is the required flow rate for this type of test
  - **36.4** lbs of water @ 4:34 = 8 lbs/minute