



Drinking Water Meter (For Clean Water Measurement)

Operation:

A volumetric meter is the device fitted into a closed conduit, which consists of chambers of known volume and a mechanism driven by the flow, whereby these chambers are successively filled with water and then emptied.

The water to be measured enters the inlet of the body and its pressure sets the piston into rotation. Every rotational cycle of the piston discharge a fixed volume of water to the meter of body. The number of rotation of the piston is totalized through a reduction gear, to totalize in the register,



Features:

- ❖ Rotary piston system
- ❖ Dry-Dial, Vacuum Sealed Register, Frost Resistant, Keeps clear reading for long time.
- ❖ High measuring accuracy, the starting flow of the Meter is 4l/h or less
- ❖ Long Service Life.
- ❖ Engineering Plastic Body (PN: 0.6.MPa)
- ❖ The meters conform to ISO4064 Standard Class C.
- ❖ Water Temperature $\leq 45^{\circ}\text{C}$.
- ❖ $\Delta P \leq 0.1\text{MPa}$.
- ❖ From minimum flow rate (q_{\min}) inclusive, To transitional flow rate (q_t), exclusive: $\pm 5\%$.
- ❖ From Q_t inclusive to Q_s (Over Load)
- ❖ Supplied along with Connectors 15mm NB.

