



AMR MECHANICAL WATER METER

Type : Woltman Type

Model Series : RLWP....(Size) for Woltman & RLMJ(15mm,20mm,25mm)

Body : Brass for 15,20,25 mm (Multijet Water Meters) & Steel for 40 mm & above for Woltman Water meters

Size (all mm) : 15,20,25,40,50,80,100,125,150

Weight : Varies from 1.5 Kgs to 50 Kgs (+) for larger sizes . Variation : within (+/-) 5%

For Multijet only:: Internal Cup : low ferrous brass ,with Fe content less than 0.2/Engg plastics
Copper Can Totaliser. 5mm thick mineral glass for maintaining IP68 .

For Woltman AMR: Mechanical Counter replaced with internally built-pulse generator .Sensor:IP68

Applications : Potable Water(certified) ,clean (strainer required) ,can handle residual chlorine upto 2 ppm

Measuring Principle : Turbine principle ,smaller sizes:15,20,25 uses multijet principle

Measurement : On-line , Continuous

Accuracy : (+/ -) 3.5% of span (Calibrated as ISO 4064)

Pressure loss : Less than 0.5 bar

Water Temperature : 5 to 50 deg C

Connectivity : Fitted with LORA (open standard protocol) RF Module for communication with HHU/Concentrator
This LPWA Module will meet all necessary pre-requisite parameters for any country.
LPWA is lower power wattage device & meets DoT's requirement of less than 10 Dbm .

RF Communication Band : ISM . Selectable : 865-867/433 MHz (Suitable for LPWA communication)

Certification : ISO 4064 (as per MID/EEC) , CE Certification & marking (on Product) ,Potable water use certified

Corrosion Resistance : Good due to Brass material with Multijets & SS 304 with Woltman

Special requests complied : For specific / sample testing at any 3rd party NABL approved Test House(FCRI)