

Standpipe Meters

The **Standpipe meters** are supplied fitted with an ABB AquaMaster battery powered electromagnetic flowmeter and are the first truly electronic standpipe flowmeter. With no mechanical moving parts the AquaMaster flowmeter has eliminated the problems associated with mechanical meters, these being damage caused by iron and other particles frequently found in water which cause blockages, wear and tear which in turn affect the accuracy of the measured data.

We supply two versions of the Standpipe Meter, these being a vertically mounted and horizontally mounted design. Both options have an integrally mounted display unit with the option of an in-built datalogger if required.



Key features

- **No moving parts** to wear or get damaged by particles in the water or high flowrates
- **Custom engineered** Aquamaster sensor to remove the flanges and significantly reduce the overall weight of the Standpipe assembly
- **Wide operating flow range** which means flows down to 0.1 litres/sec. can accurately be measured, for high flows the accuracy is $\pm 0.5\%$ of actual flow reading
- **Built in datalogger** The datalogger will measure and record flow (and if required pressure via a remote transducer which would connect to the pressure tapping point on the Standpipe)
- **Three year battery life** (batteries are site replaceable)
- **'Fit and Flow'** system means all settings and totaliser values are backed up in the sensor, any display unit can be fitted and all stored data will automatically up-load from the sensor.

The AquaMaster display unit has an easy to read LCD display showing flowrate, totalisers, velocity and alarm condition. Flow units are site selectable to suit the customers requirements.

The transmitter gives a dual solid state switched pulse output as standard, this will allow you to connect to a remote reading device if required.

Typical applications for the Standpipe meters are where water usage needs to be accurately calculated and regulated, mains flushing and checking adequate flowrates, i.e. fire mains.