

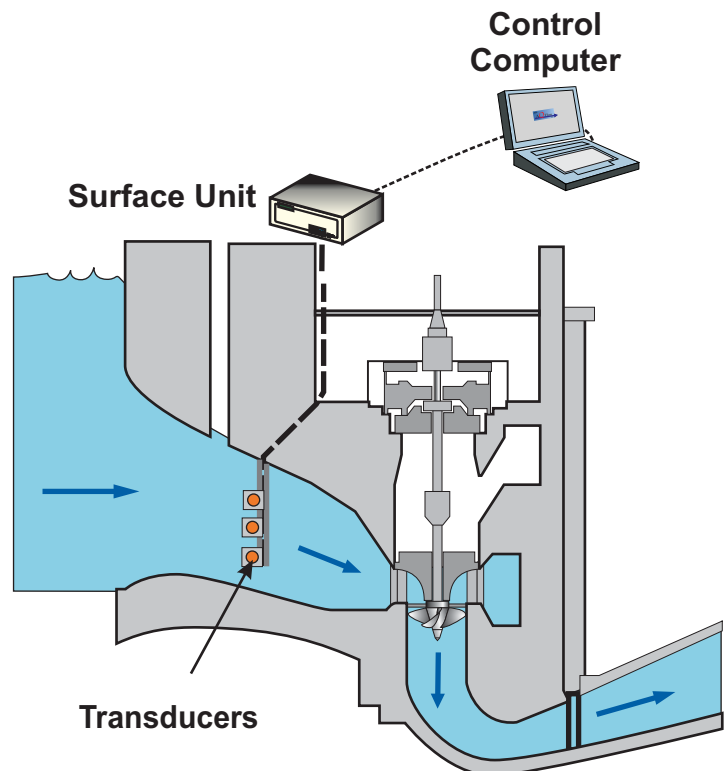
Acoustic Scintillation Flow Meter (ASFM)

ASFM Monitor™

The ASFM Monitor provides reliable, repeatable, real-time monitoring of turbine discharge at low-head, short intake plants. It is installed in the intake, and thus can also be used for the detection of trashrack blockage and penstock rupture.

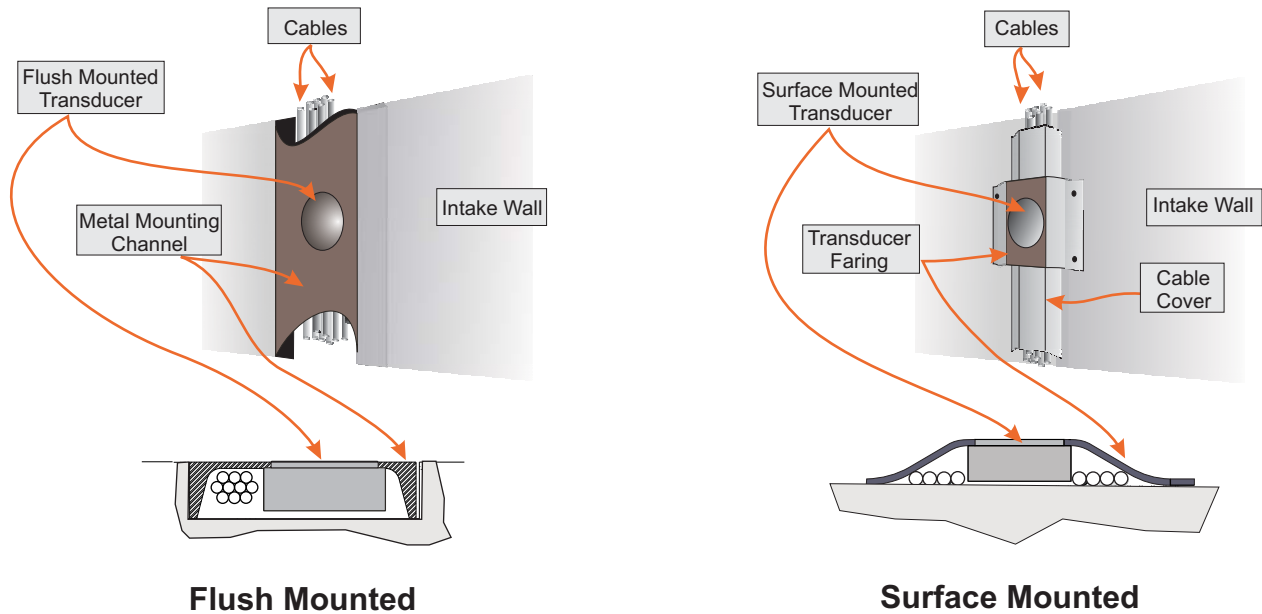
Features of ASFM Monitor

- Cost effective support of unit, plant and system level optimization models
- No moving parts, non-intrusive, no headloss and no vulnerability to debris impact
- Accurate and repeatable long term operational monitoring of turbines (after initial calibration)
- Real-time output of total discharge provided on site or to remote locations in simple, user friendly displays and outputs
- Virtually maintenance free - attractive alternative to Winter-Kennedy taps

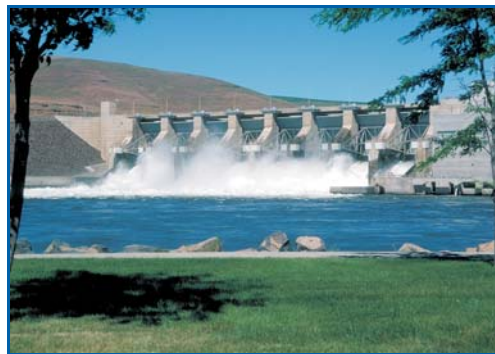


Excels in flow measurement at
low head, short intake hydroelectric plants.

ASFM Monitor mounting options



ASL AQFlow offers a complete installation and commissioning service package, including installation of the underwater and surface components, carrying out the calibration using the ASFM Advantage temporarily installed in the gate or stoplog slots, entering and validating the calibration coefficients. The ASFM Monitor is backed up by a complete one year warranty on parts and labor.



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Innovative Solutions for Hydro's most Challenging Flow Measurements