

## Micro-ADV

SonTek Acoustic Doppler Velocimeters (ADV), are among the most accurate and easy-to-use instruments for precise, high-resolution measurement of water velocity and related parameters.

We can use by connecting to the power supply and connecting to the processor and PC with the mounted probe on the channel.

There should be more than 5cm of depth of flow of water in channel.

We can take measurements by installing the software package provided by Sontek.

There is a setting for velocity and sampling rate depends on our measuring requirements.

### Standard Features

- Three-axis velocity measurement
- Sensor mounted on a 25cm stem
- High sampling rates — up to 50 Hz
- Small sampling volume — less than 0.1 cm<sup>3</sup>
- High accuracy: 1% of measured range
- Large velocity range: 1 mm/s to 2.5 m/s
- Excellent low-flow performance
- No recalibration needed
- Comprehensive software, including HorizonADV
- Proven SonTek reliability

### Optional Features

- Sensor mounted on a 40cm stem or 100cm cable
- Analog outputs
- Analog input module for synchronizing external sensors
- Compass/Tilt Sensor
- Pressure Sensor (Frequency-RPT or Paroscientific)
- Several probe configurations available