

Mainstream™ Compact Fixed AV Flowmeter

High performance fixed installation AV flowmeter with a feature set designed for basic open channel and part-filled pipe applications.

Flow Measurement

- Accurate ultrasonic velocity measurement
- Bi-directional measurement ~ 10 mm/s to 5 m/s
- Ultrasound signal quality data for flowmeter condition monitoring
- Level Sensor port for any 4:20 mA device
- Three flow totalisers with separate hourly totals
- Total forward flow and forward flow in last hour
- Total reverse flow and reverse flow in last hour
- Total forward-reverse flow and forward-reverse flow in last hour

Measurement Outputs

- Large character LCD with back-light for clear measurement display
- Two opto-coupled switch outputs for alarms and sampler control
- One isolated 4:20 mA output to transmit any measurement
- Built in isolated 12V power source to drive 4:20 mA signal loop

Data Logger

- Data logger with capacity to store one year of measurement data
- Logged parameters can include power supply and diagnostic data

Power Supplies

- Operates from industrial DC power supply
- Low power operation from 12V battery

Commissioning

- Simple to set up using Mainstream Communicator software
- Pre-loaded or user defined pipe or channel specifications
- Silt level correction for non-ideal installations
- Built in tools for sensor diagnostics
- Simple configuration of measurement outputs
- Calibration and test features for measurement outputs