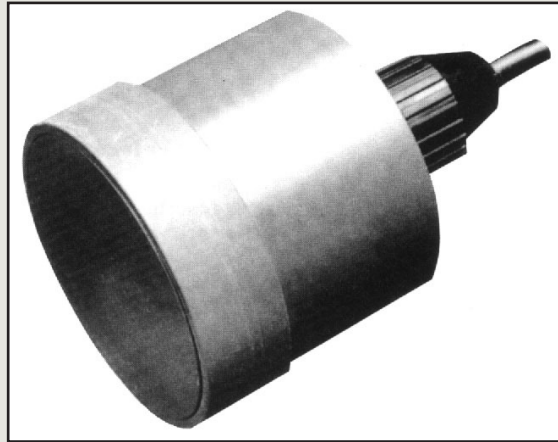


Model 7612 Open Channel Transducer Assembly



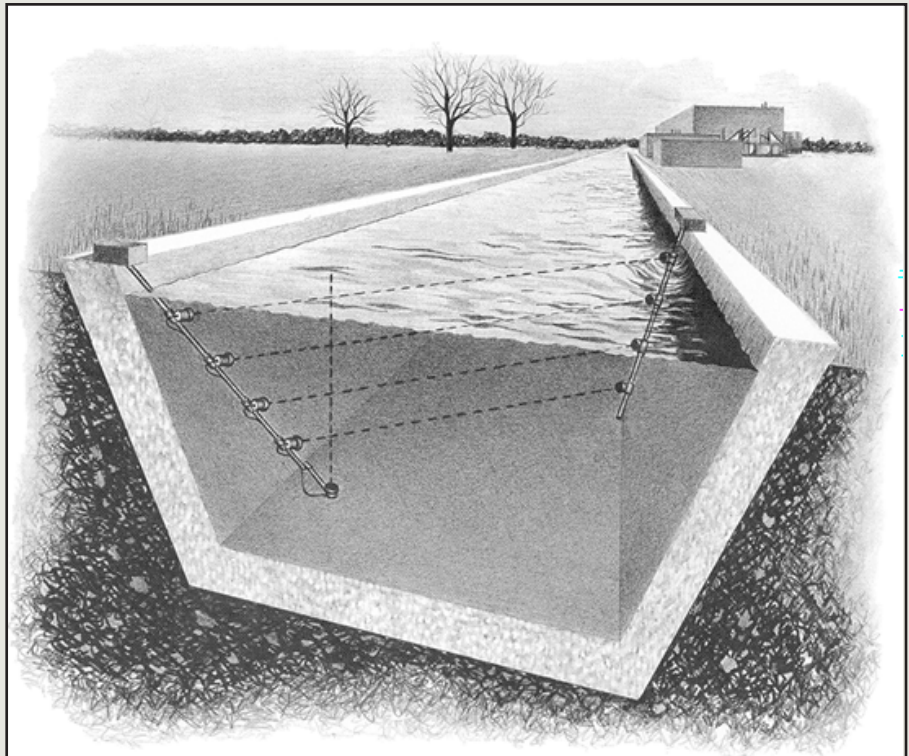
About Accusonic

Accusonic, a division of ADS LLC, designs and manufactures ultrasonic transit-time flow measurement systems that are renowned for their precise accuracy and reliability in difficult operating environments. Accusonic flowmeters can be found in hydroelectric plants, thermal power plants, water and wastewater treatment facilities, sewage collection systems, and other types of water flow conveyance pipelines and channels. Since 1967, Accusonic has installed thousands of systems worldwide, and offers a full range of services including installation and startup, system verification, turbine performance testing services, and field training.



Accusonic Model 7612 Open Channel Transducer Assembly

The Model 7612 transducer assembly is designed for use in open channel and river applications. The 7612 is constructed of all PVC to provide excellent resistance to chemicals and corrosives. Each 7612 transducer assembly includes 200 feet (60 m) of HDPE-jacketed cable rated for continuous submersion. Transducer mounting arrangements to meet site-specific requirements can be designed upon request. This 200-kHz transducer is used for wider channels and longer path length requirements.



HARDWARE

DESIGN SPECIFICATIONS

Operational Frequency:	200 kHz
Path Length Range:	10 ft. to 500 ft. (3 m to 150 m)
Maximum Service Pressure:	100 psi (7.0 bar)
Temperature Limits:	- 22 to 140 F (-30 to 60 C)
Construction Material:	PVC

DIMENSIONAL DATA

Transducer Diameter:	3.5/3.25 in. (89/83 mm)
Transducer Length:	3 in. (76 mm)
Integral Cable Length:	200 ft. (61 m)

SPECIAL FEATURES

- Rugged Design
- Application Flexibility
- Resistance to Hostile Environments
- Ability to Measure in Wider Channels/Longer Path Lengths

Contact Accusonic for information on transducers recommended for specialized applications.

