

Ultrasound, go with the flow



Anemometer
Gas flow meter
Gas concentration meter

Unictron’s ultrasonic transducers have been implementing our in-house piezoceramics and acoustic matching layer as well as the novel patented technologies. The ultrasonic transducers are suitable for gas flow detection, gas concentration detection, anemometer, etc, along with high sensitivity, low noise, low ZFD (zero flow drift), high precision, and reliability. In particular, the transducer housed with PVDF material is chemical resistance and complies with FDA standards.

Model Name	A240B1	A200M3	A200M7	A300A3	A500B1
					
Frequency (kHz)	240	200	200	300	500
Dimensions (mm)	OD 13.5 H 18.5	OD 18.2 H 7.7	OD 16.0 H 19.0	OD 9.9 H 7.3	OD 18.2 H 6.5
Housing Material	PVDF	Elastomer	Titanium alloy	Plastic	Elastomer
Certification	Chemical resistance FDA compliance	Chemical resistance	Chemical resistance	Chemical resistance	Chemical resistance
Major Applications	Anemometer	Gas flow meter	Gas flow meter	Anemometer	Gas flow meter

Industries & Applications

- Anemometer
- Gas flow meter
- Gas concentration meter
- Non-contact level detection

Features

- Patented technologies
- In house advanced Piezoceramics
- Unique matching layer formulation
- Good chemical resistance
- High precision: meet AGA-9, JIS B8571 standard
- FDA compliance
- High sensitivity
- Good reliability
- Waterproof IP68
- Low noise