





# Comparison of SonoPro® Transit Time Fixed Mount Ultrasonic Flowmeters

		<b>SonoPro® Professional Series (Model S36)</b> 	<b>SonoPro® Commercial Series (Model U42)</b> 	<b>SonoPro® Water (Model U43)</b> 
<b>FEATURES/SPECIFICATIONS</b>	<b>Pipe Sizes</b>	<b>1/2" to 200"</b> (12.5 mm to 5000 mm)	<b>1" to 200"</b> (25 mm to 5000 mm)	<b>1" to 48"</b> (25 mm to 1200 mm)
	<b>Acceptable Fluids</b>	Most clean liquids (Minimal air bubbles and/or particles)	Most clean liquids (Minimal air bubbles and/or particles)	Water only (Minimal air bubbles and/or particles)
	<b>Accuracy</b>	±0.75% of reading	±1% of reading	±1.5% of reading
	<b>Velocity Range</b>	0.03 ft/s to 40 ft/s (0.01 m/s to 12 m/s)	0.03 ft/s to 40 ft/s (0.01 m/s to 12 m/s)	0.09 ft/s to 20 ft/s (0.03 m/s to 6 m/s)
	<b>Power Supply</b>	100 to 240 VAC, 50 to 60 Hz, or 16 to 36 VDC	90 to 245 VAC, 48 to 63 Hz, or 10 to 36 VDC	10 to 36 VDC
	<b>Datalogging</b>	Yes	Yes	None
	<b>Enclosure Material</b>	Die-cast aluminum	Die-cast aluminum	PC-ABS (polycarbonate-ABS)
	<b>Enclosure Rating</b>	IP66	IP65	IP65
	<b>Mass Metering</b>	Optional	None	None
	<b>Energy (BTU) Metering</b>	Optional	Optional	Optional
	<b>Communications &amp; Outputs</b>	4-20 mA (2), Modbus® RTU, Modbus® TCP/IP, BACnet® MS/TP, BACnet® IP, Pulse, Frequency, Relay (2)	4-20mA (1), RS-232, Modbus® RTU, Pulse, Frequency, Relay	4-20mA (1), RS-232, Modbus® RTU, Pulse, Frequency, Relay
	<b>Instrument Interface Software</b>	SonoConfig™ Instrument Interface Software	None	None
	<b>Bluetooth® Wireless Communications</b>	Optional	None	None