

Dynasonics DXN Portable Ultrasonic Flowmeters



- Features touchscreen color interface and built-in data logger
- Choose from basic or dual-function hybrid models
- Hybrid flowmeters feature both transit time and Doppler sensors—great for measuring both clean and dirty liquids

These portable flowmeters provide accurate, reliable readings in closed full-pipe applications—great for verifying sensor, pump and valve performance throughout your plant's plumbing infrastructure. Simply clamp flowmeters to the outside of the pipe and they'll measure flow using non-invasive ultrasonic sensors. Wizard-based system setup is easy to configure, while the 7" full-color touchscreen graphing display offers excellent readability.

The built-in data logger with 1 gigabyte internal memory stores values in a .CSV format. Extract data via USB flash drive for further analysis in Excel®. Features standard Modbus TCP/IP Ethernet communications, digital input, analog output and pulse output. Internal rechargeable battery will operate continuously for 6 to 9 hours. Choose from basic or hybrid flowmeters.

Basic flowmeters feature transit time technology, and are ideal for clean water applications. **Includes:** small and intermediate transit time transducer sets with 20'L cables to measure pipes from 1/2 to 98" Dia, acoustic couplant, installation pipe clamps, and over-the-shoulder carrying case.

Hybrid flowmeters offer a built-in Doppler/transit time technology that automatically selects which type of flow measurement (Doppler or transit time) is best based on signal quality during operation. Great with a variety of liquids. **Includes:** everything included with the basic flowmeter, plus Doppler transducer with 20'L cable to measure pipes from 1 to 60" Dia.

Note: For large pipe transducers that measure up to 120"-diameter pipes, or for transducer cables up to 100'L, contact USABlueBook.



DXN Flowmeter uses non-invasive ultrasonic technology and straps to outside of pipe



DXN flowmeter with transducers

Fluid/application:	full pipe, clean (basic flowmeter) or clean to dirty liquids (hybrid flowmeter)
Velocity range	
Transit time:	bidirectional to 40 ft/sec
Doppler:	unidirectional to 40 ft/sec
Accuracy	
Transit time:	±1% or ±0.01 ft/sec whichever is greater
Doppler:	2% of full scale
Pipe sizes	
Transit time:	1/2 to 98"
Doppler:	1 to 60"
Display:	800 × 480 WVGA color outdoor readable 7" display; gloved-operation resistive touchscreen
Outputs	
Analog:	4-20 mA (active or passive) or 0-10 VDC
Digital:	pulse
Loop power supply:	15 VDC
Inputs:	digital (totalizer reset) voltage (0-10 VDC)
Communications:	Ethernet (Modbus TCP/IP)
Data logger:	1 GB memory, downloads to USB flash drive
Power:	built-in rechargeable battery, 10-28 VDC, 40W (includes 100-240 VAC wall socket adapter)
Enclosure:	IP64 (water/dust resistant)

DESCRIPTION	SENSING TECHNOLOGY	STOCK #	EACH
Basic Portable DXN Flowmeter	Transit Time	10137	\$
Hybrid Portable DXN Flowmeter	Transit Time & Doppler	10138	

Accessories

DESCRIPTION	STOCK #	EACH
Replacement Acoustic Couplant Grease, Dow 111, 5.3 oz Tube	10139	\$
USB 4-GB Memory Stick (Flash Drive)	67228	

We also RECOMMEND...



Reed Pipe Descalers



- Great time saver

For removal of corrosion or other irregularities from pipe surfaces. Zinc plated. Superior roller handles give you more leverage and keep your hands from slipping. Two pipe sizes.

RANGE	LENGTH	STOCK #	EACH
3 to 12" Pipe	32"	50410	\$
12 to 36" Pipe	44"	50415	



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