

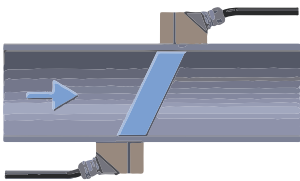
Ultraflux designs, manufactures and markets measuring equipment based on ultrasound technology.

The company was a global pioneer and was the first to use ultrasound for flow measurement in the 1970s. Today, Ultraflux's expertise and extensive knowledge of the operation of ultrasound waves enables the company to offer equipment that is increasingly reliable and accurate.

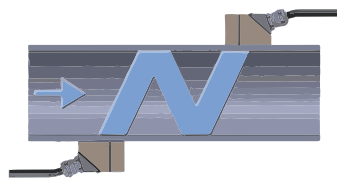
Transit-time Measurement

Ultraflux uses transit-time principle of measurement for all its flow meters, giving high accuracy readings of up to 0.5% flow reading with 0.1% repeatability.

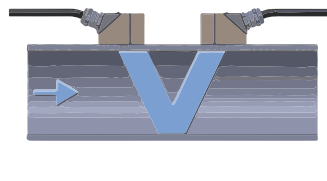
The probes will commonly be mounted with a /, V, N or W configuration.



"/ " or Direct configuration



" N " configuration



" V " or Reflex configuration



" W " configuration

Each set of flow meters come with a transmitter and a set of probes which is dependent on the application.

Transmitters

Minisonic

- Up to 0.5% flow reading accuracy with 0.1% repeatability
- Analogic with Echo Shape Control Signal Treatment
- For use with basic applications involving clean liquids and pipes



Uf800 series

- Up to 0.5% flow reading accuracy with 0.1% repeatability
- Digital Signal Processing with digital filtering and gain regulation
- Multiple modules with options for different output/input available
- For use with tougher applications such as dirty liquids and old pipes with rust or fibre content such as fibre-reinforced plastics (FRP)



Probes

Ultraflux has both clamp-on and insertion type probes available.

Clamp-on probes

Frequency	Probe Model (max temperature)	Pipe Size
2 MHz	1790 (140°C)	20 - 200mm
	1790H (110°C)	10 - 400mm Recommended for old/dirty pipes and pipes made of fibre
1 MHz	1815 (140°C)	40 - 1000mm
	1815H (110°C)	40 - 2500mm Recommended for old/dirty pipes and pipes made of fibre
	1662 (80°C)	40 - 1000mm
0.5 MHz	1595 (80°C)	80 - 4500mm
	1899 (110°C)	80 - 7500mm

Insertion probes

Ultraflux's insertion probes have an "airlock" available to ensure no leakage of any process will occur while the user is removing the probes and closing the isolation valve for probe maintenance.

SI1612

Pipe Size: 80 - 2000mm (60°C)

SI1614

Pipe Size: 120 - 4000mm (60°C)

