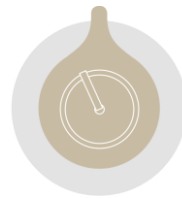


WATER MONITORING SOLUTIONS



Transit time Ultrasonic Pipe Flowmeter

ChronoFLO® Mini



Flow measured from DN 15 mm
(0,049 ft)

Measurement accuracy: up to $\pm 0,5\%$

Ease of installation, less than
5 minutes

Non-intrusive flow measurement

Waterproof (IP67/IP68)

Drinking and wastewater

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www.hydreka.com

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Applications

The ChronoFLO Mini is used for the following applications:

- o Diagnosis of drinking water and wastewater networks,
- o DMA (leak detection monitoring),
- o Checking existing flow meters,
- o Calibration of lift pumps,
- o Volume quantification.

Technical specifications

Measurement range		o Two-way up to 25 m/s (82.02ft/s) o Certified measurement for MEAS value < 20% in the fluid
Accuracy		In steady-state flow: o ±1 to 2% of the reading without calibration. depending on the application o ±0.5% of the reading with calibration
Standalone operation		25 hours continuously or 3 weeks in low power mode with 1 measurement/minute
CPU	Memory	416 900 data points
	Language	English, French. For other languages, please contact us
Power supply	Internal	Rechargeable lithium polymer batteries
	External	Mains or battery
Outputs	Communication	Mini USB & RS232
	Digital	1 * Relay for Totalizer and Alarms
	Analogue	1 * Current Output (Scalable Isolated 4-20mA)
Communication		By Mini USB - USB cable (text file). Datas can be directly import into a spreadsheet
Sensors	1 MHz (standard)	DN between 50 mm and 2000 mm (0.16 to 6.56 ft) with 2.9 m (9.51 ft) or 30 m (98.43 ft) cable (optional)
	4 MHz (optional)	DN between 15 mm and 100 mm (0.049 to 0.33 ft) with 2.9 m (9.51 ft) or 30 m (98.43 ft) cable (optional)
	0,5 MHz (optional)	DN between 500 mm and 3000 mm (1.64 to 9.84 ft) with 2.9 m cable
Installation		o Mounting rail with chains for diameters < 2000 mm (6.56ft) o Optional: Straps for large diameters or magnetic adapters for metal pipes
Operating temperature		o Sensors: -40 to +120 °C (-40 to 248°F) o CPU: -10 to +50°C (14 to 122°F)
Storage temperature		-20 to +50°C (-4 to 122°F)
Waterproofing		o Sensors: IP68 o CPU: IP67
Standard kit		o Central unit, power supply and shoulder strap pair of 1MHz clamp-on sensor and mounting rail o Couplant, retractable tape, bubble level, USB <--> USB Mini adaptor and transit case
Pipe thickness gauge (optional)	Measurement range	Variable (depending on pipe material), up to 50 mm (1.96in)
	Precision	0.1 mm (0.004in)
Dimensions		o 1 MHz sensors: 75 x 30 x 45 mm (0.25 x 0.098 x 0.15 ft) o CPU: 182 x 115 x 34 mm (0.60 x 0.37 x 0.11 ft)
Weight		Kit: 2.9 kg
Compatible pipes		Metals, glass, and sonically conductive homogeneous polymers/plastics Lining Bitumen, glass, epoxy paint and most concrete liners. Excludes loose liners
Warranty		24 months
Calibration		Performed annually at the factory on our COFRAC standard hydraulic calibration rig
Metrological certification		Calibrated using electromagnetic flow meters (100 and 200 mm) calibrated according to COFRAC procedures

ChronoFLO Mini V.1 - EN - 04/17 - Hydreka reserves the right to modify product technical characteristics without notice.

Products available **for sales**. Please contact us for more information.

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