

Katronic WTG

Wall Thickness Gauges

Katronic wall thickness gauges are very accurate and equipped with a robust ODU connector. They automatically recognize both sensor and calibration data.

These wall thickness gauges are compatible with Katronic's portable flowmeters:

- KATflow 200
- KATflow 210
- KATflow 230



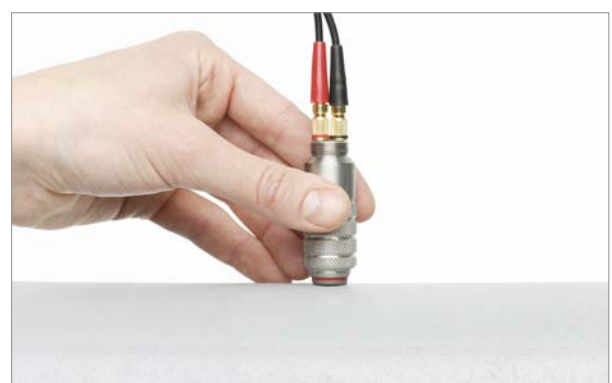
Inner pipe diameter is key

The wall thickness of a pipe is an important parameter for the calculation of the volume flow. The reason for this is that the flowmeter makes its calculation based on the inner diameter. Wall thicknesses can decrease over the years, for example due to corrosion and abrasion.

Katronic WTGs are suitable for nearly all pipe materials such as steel, stainless steel, copper, PP etc.



Katronic wall thickness gauge NT with KATflow 200 in use.



Katronic wall thickness gauge HT in use.

Katronic WTG types and specifications

Ultrasonic wall thickness gauges (WTG) are used to measure the wall thickness of pipes and vessels. They are available in three types: LT (Low Temperature), NT (Normal Temperature), and HT (High Temperature). Each type is designed for specific temperature ranges and measuring ranges.

Wall thickness gauge - LT	
Temperature range	-20 ~ +40 °C -4 ~ +104 °F
Measuring range	1.0 ~ 100 mm
Resolution	0.01 mm
Linearity	0.2 mm
Cable length	1.5 m

Wall thickness gauge - NT	
Temperature range	-20 ~ +100 °C -4 ~ +212 °F
Measuring range	1.0 ~ 200 mm
Resolution	0.01 mm
Linearity	0.1 mm
Cable length	1.5 m

Wall thickness gauge - HT	
Temperature range	0 ~ +500 °C 32 ~ +932 °F
Measuring range	1.0 ~ 200 mm
Resolution	0.01 mm
Linearity	0.1 mm
Cable length	1.5 m