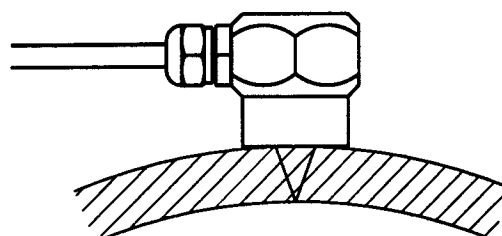


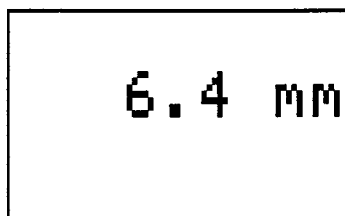
Our portable flowmeters **DigiSonic** can receive an ultrasonic THICKNESS MEASUREMENT function. Very handy and very simple to use, this function allows to measure the thicknesses of the pipes with a **precision of +/- 0.1 mm.**

DigiSonic has the characteristics of many pipe materials in memory. All these materials but asbestos can be controlled with the function.

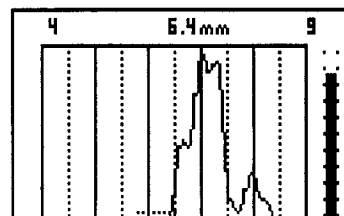


The thickness is obtained both :

by numeric measurement,
with a resolution of 0.1 mm



by graphic measurement
with a resolution of 0.05 mm



Max typical flowrate discrepancy
due to an uncertainty on the
thickness

nominal bore	for a 0.5 mm uncertainty	for a 0.1 mm uncertainty
50 mm	3.5 %	0.7 %
100 mm	1.8 %	0.35 %
200 mm	0.9 %	0.18 %
500 mm	0.35 %	0.07 %

The numeric mode may be used on pipes from 2.5 mm in thickness when the signal that is received is intense enough. On plastics, the numeric measurement is possible even for thinner pipe-walls.

With a **graphic mode, highly sophisticated solution**, you will get very precise measurements, as well as the possibility to check the quality of the echo signal.

Moreover, the graphic mode allows to perform very accurate measurements in configurations where the numeric measurement would not be possible.