Ultrasonic thickness gauge deltawaveC–WD

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With the precise wall thickness gauge deltawaveC-WD reliable measurements of pipe wall thicknesses become a matter of minutes. Switch on, put in your pipe data and press transducer onto your pipe – that's it.

deltawaveC-WD determines the thickness of a structure or a pipe by accurately measuring the time required for a ultrasonic signal to travel through the thickness of the material, reflect from the back or inside surface, and be returned to the transducer. The measured two-way transit time of the ultrasonic together with the specific speed of sound of your material is used to accurately measure the wall thickness. The resolution is 0.1mm

Picture 1 Wall thickness measurement

The light-weight and robust transmitter makes deltawaveC-WD the perfect instrument for harsh environments within the process industry and therefore also a reliable and useful accessory for your clamp-on ultrasonic flowmeter deltawaveC. The long-life battery mode gives you the independence you need for your measurements. The integrated calibration sample ensures best possible accuracy and high repeatability.

Specification	
Measuring Principle	Ultrasonic transit time
Display	128x64 LCD with backlight
Resolution	0.1mm
Units	Metric / US
Languages	D, UK, IT, F, ESP
Accuracy	+/- (0.5% of thickness +0.04mm)
Supported materials	Common materials (PVC, PE, Steel, copper,…)
Measurement range	1…230mm (Steel)
Operating Temperature	-20…+70°C
Ultrasonic Transducers	5 MHZ
Dimensions	HxBxT = 132 x 76.2 x 32mm
Weight	345 g
Material of enclosure	Aluminium
Power supply	2x Mignon Typ AA 1.5V

Need further information? We are happy to support you!

At www.systec-controls.de (Contact & Information) you can find your local systec dealer and you can send inquiries to our sales team directly. Of course we are happy to get your call at our headquarter. Please contact:

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