

TT220

Ultrasonic Thickness Gauge



FEATURES

- Auto calibration to assure the accuracy.
- Auto linear compensation : this advanced software program enhances the precision by correcting the non-linear accuracy of transducer.
- Use ▼ and ▲ keys to make a quick adjustment for the sound velocity/thickness and quick recall to the stored data.
- Coupling status indication : observing the coupling icon to learn if the coupling is accomplished or not.
- 10 thickness measurement storage and recall function which facilitates the height work or working in wild area.
- Sound velocity measurement : with a given thickness by a sample hardware to measure the sound velocity which avoid the further conversion or consultation of the table.
- 12 sound velocity for different material which also adjustable.
- Low battery indication.
- Auto power off mode that designed to conserve battery life.
- More than 10000 times long lift keys.
- The unit has a special memory that retains all of its setting even when the power is off.

SPECIFICATIONS

Display	: 4 digital LCD display
Mini. display unit	: 0.1mm
Working frequency	: 5MHz
Measuring range	: 1.2 to 225.0mm (steel)
Min. limit for tube	: $\varnothing 20 \times 3$ mm (steel)
Accuracy	: $\pm(1\%H+0.1)$ mm H denotes the measured thickness
Sound velocity range	: 1000 to 9999m/s
Sound velocity accuracy when the given thickness :	
	>20mm : $\pm 1\%$
	<20mm : $\pm 5\%$
Operating temp.	: 0 ~ 40°C
Power supply	: 3 x 1.5V (AAA alkaline battery)
Operation current	: normal operation : current ≤ 50 mA with backlight : current 120mA standby : current 20 μ A
Size	: 72 x 146 x 29mm
Weight	: 202g
Std accessories	: transducer $\varnothing 10$ mm 5MHz, coupling agent, 4mm sample block, batteries, instruction manual, warranty card, certificate of product conformance

Constant Instruments
P.O. BOX 435
Joondalup, W.A. 6919
Australia

For more information :
Fax : +61 8 93050111
Email : technical@constantinstruments.com
Website : www.constantinstruments.com

© 2016 Constant Instruments
All rights reserved
062016M01
Specifications subject to change without prior notice



N15521