

# ITI-1600 High-precision Digital Ultrasonic Thickness Gage

**NEW!**



Ultrasonic Thickness Gauges are designed to improve safety and ensure reliability of material subject to corrosion or erosion.

Corrosion gauges with their dual-element transducers are the primary inspection tool used to measure the remaining walls of components such as pipelines, pressure vessels, storage tanks, and numerous other applications..

Precision gauges use single-element transducers to provide the thinnest range and highest degree of accuracy possible. Common applications include metals and a variety of non-metals (i.e. glass, ceramic, plastic, etc.).

## Specifications:

<b>Measuring Range</b>	<b>0.65 mm – 400mm (upto 500mm) (in steel)</b>
<b>Sound Velocity</b>	1000~9999 m/s
<b>Resolution</b>	<b>0.01mm/0.1mm or 0.001/0.01” selectable</b>
<b>Units</b>	mm/inch (selectable)
<b>Memory</b>	<b>Upto 2000 Groups (up to 99 Values for each file)</b>
<b>Accuracy</b>	$\pm ( 0.5\% \text{ Thickness} + 0.04 ) \text{ mm}$
<b>Alarm</b>	<b>preset upper and lower limit</b>
<b>Work voltage</b>	3V( 2 AA alkaline batteries)
<b>Work mode</b>	Single point and scan
<b>Interface port</b>	<b>USB</b>
<b>Dimensions</b>	136 x 72 x 20mm
<b>Weight</b>	177 g
<b>Display</b>	<b>3.5 digit LCD with EL backlight</b>
<b>Continuous working period</b>	280 hours (with EL backlight off)

- **Standard Delivery: Main Unit,, TWO test Probes, Data Cable, Software, Coupling oil, Battery, Operation Manual, Carrying case. & Calibration Certificate Tracable to NPL-DELHI**

## FROM:

### India Tools & Instruments Co.

Address : 12 / 18, Tawa Lane, Off. Abdul  
Rehman Street, Unity House, 1st Floor, Office No.  
7, P. B. No. 3264, Mumbai - 400003, Maharashtra,  
INDIA

Tel: 23428862 / 9819345050

E-mail: [itico@vsnl.com](mailto:itico@vsnl.com) / ojus\_itico@hotmail.com

web: [www.indiatools.net](http://www.indiatools.net)

