

# India Tools & Instruments Co.

PRECISION IS EVERYTHING



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## Ultrasonic Thickness Gauge A&B Scan Thru-Paint & Coatings Thickness Gauge ITI-218DL

### Product Description:

PG-AB Series Color Screen with A/B-Scan Ultrasonic Thickness Gauge Professional in Solving Various Difficult Thickness Measurement



**Features:**

2.4" color OLED, 320 X 240 pixels, contrast 10,000:1

**Live Color A-Scan**

Users could directly see the color waveform of the ultrasonic sound (or A-scan) on the screen, which is quite important for the occasions that we need to check the correctness of the testing results. Many cases will cause wrong testing results or even no readings. We could find the causes easily through the A-scan. Adjust the three parameters of GAIN, BLACKING, GATE, and then we will get the right readings.

**Live Color B-Scan**

ITI-218DL series thickness gauge has a time-based B-scan function. Move the probe along the workpiece surface, then the cross-sectional profile of the workpiece display, use for observe the underside contour of the workpiece. It could automatically capture a minimum value of the B-scan image, and indicate the position of the minimum by a red triangle. You can see any point thickness value of the B-scan image by moving the pointer.

**Through Coating Function No longer need to waste time to remove the coating**

Now we also have this widely acclaimed function. It's realized by measuring the two continuous bottom surface of the substrate. This mode also has more advantages:

- Exempt Zero Calibration
- High Stability, the measuring value is not influenced by the probe pressure, the coupling layer thickness and the surface dust of the workpiece.
- Zero Drift

**More Practical Function:**

**Difference/Reduction Rate:** Difference mode displays the difference between the actual value and the normal value. Reduction rate calculates and shows the percentage of the thickness reduction when the material becomes thin. A typical application is to measure the metal material which is due to bending and becomes thin.

**Max. /Min. Capture:** In this mode, the current thickness, minimum thickness and the maximum thickness will be shown on the screen at the same time.

**Alarm Mode:** Dynamic change in the colour of thickness readings when alarming.

**Update Rate:** Selectable 4Hz, 8hz and 16Hz. 4Hz for ordinary applications, when you need a quick scan, such as high-temperature measurement, you can choose a higher update frequency.

**Multi-Languages Available:** Chinese, English, Japanese, French, German.

**Standard PG510 Probe:**

The probe is the heart of the instrument. PG510 probe uses a high-performance piezoelectric ceramic chip, with an integrated metal die-casting shell, practical design of probe and cable separated, regardless of costs to create high quality.

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