

## ULTRASONIC THICKNESS GAUGE

## NAGMAN 225

The thickness of any good conductor for Ultrasonic Waves with top & bottom surfaces parallel to each other, like metal, plastic, ceramic & glass, can be measured with the instrument (ex.: Aluminium, Copper, Gold, Resin, Water, Glycerin etc.). The internal particles of cast iron are too big for this instrument.

### SALIENT FEATURES

Menu Operation  
Color Screen HD Display  
Storage Function  
Screen Brightness Selection  
Automatic Shutdown Selection Function

### GENERAL SPECIFICATIONS

Measuring range	1.00 ~ 225.0 mm
Data storage	500
Operation frequency	5MHz
Measurement error	±(0.5% H + 0.05) mm
Resolution	0.01 mm (1.00 to 99.99mm); 0.1mm (100 to 225 mm)
Lower limit of pipe measurement	Φ20 x 3 mm (steel)
Adjustment range of sound speed	1000 ~ 9999m/s
Temperature range of operation	0 ~ 40°C
Battery	3 Nos. Ni-MH rechargeable batteries of 1.2V
USB charging	5V 1A
Dimensions (LxHxD)	65 x 146 x 30 mm
Weight	130 G

Probe	Measurement parameters
5M-d10	1.0 ~ 225.0mm



Typical Photo: Final Product look may vary

### STANDARD INCLUSIONS

- Basic Instrument with Battery
- Color Box
- PP Box
- Host
- USB Cable
- Coupling Agent
- Plug
- Ni-MH rechargeable battery - 3 Nos.
- Probe
- Carrying Case
- Conformance Certificate
- Instruction Manual

### OPTIONAL

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**

**AN ISO 9001:2015 CERTIFIED COMPANY**

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