

Product Name :
Vernier Hook and Point Gauges

Product Code :
NLAB-TECHNICALAB26003



Description :

Vernier Hook and Point Gauges

Technical Specification :

A direct indicating gauge which eliminates observation errors due to vernier and scale reading. It can be set to zero anywhere in the operating range to permit easy relative level checking. The liquid crystal display is easy to read and has a resolution of $\pm 0.01\text{mm}$. A push button gives immediate change to inches from millimetres if required. A quick-release mechanism permits rapid changes of position.

Capabilities:

- Location of air-water surface boundaries with high resolution
- Measurement of slowly changing water levels in flumes and hydraulic models
- Measurement of mechanical deformation

A mounting frame is clamped to a suitable support structure and a gauging rod is free to slide up and down over the water surface. A stainless steel hook or point is attached to the bottom end of the rod and is used to locate the water surface.

Technical Specification:

Ranges:

- 150mm
- 300mm
- 450mm

Resolution: $\pm 0.10\text{mm}$

Typical accuracy: $\pm 0.20\text{mm}$

Repeatability: $\pm 0.10\text{mm}$

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