



H1-7, H1-8 - Digital Hook & Point Gauges

DESCRIPTION - DIGITAL HOOK & POINT GAUGES (H1-7,H1-8)

A mounting plate is clamped to a suitable support structure and a flat vertical shaft retained by the gauging unit is free to slide up and down over the water surface.

A steel point or hook is attached to the bottom end of the shaft and is used to locate the water surface.

The gauging unit consists of a liquid crystal electronic display which indicates the movements of the shaft.

A quick-release mechanism permits large changes to be rapidly accommodated, and a screw adjustment is provided for accurate final positioning.

A push button sets the display to zero at any position, so that relative movements compared with a datum can be easily measured.

This gauge is easy to use and minimises potential errors resulting from reading vernier scales.

TECHNICAL DETAILS

Ranges:	H1-7: 300mm H1-8: 500mm
Resolution:	±0.01mm
Typical accuracy:	±0.03mm
Repeatability:	±0.01mm
Operating temperature range:	5°C to 40°C

The gauge is powered continuously by a small cell battery with a life in excess of 6 months.

(no 'on/off' switch improves reliability)

ORDERING SPECIFICATION

- > A direct indicating gauge which eliminates observation errors due to vernier and scale reading.
- > 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 ±0.01mm.
- > A push button gives immediate change to inches from millimetres if required.
- > A quick-release mechanism permits rapid changes of position.

ACCESSORIES

H1-11: Adjustable Tripod stand with mountings (see page 4)

OVERALL DIMENSIONS

H1-7 (300mm):	Height:	450mm
Width:	75mm	
	Depth:	40mm
H1-8 (500mm):	Height:	650mm
	Width:	75mm
	Depth:	40mm

SHIPPING SPECIFICATION

H1-7 (300mm):	Volume:	0.01m ³
	Gross Weight:	2kg
H1-8 (500mm):	Volume:	0.02m ³
	Gross Weight:	2.5kg

NOTE: The electronics associated with this instrument are not environmentally protected.