

Caisson – High Accuracy Depth Gauge



Caisson Gauges are used to measure the pressure inside pressure chambers, e.g. caissons, living chambers, hyperbaric chambers and decompression chambers.

Standard dial size 160mm

Accuracy +/- 0.25% fsd

Every **Caisson Gauge** is issued with a point-by-point **Test Certificate** of readings on its final test. The error in reading is guaranteed not to exceed one quarter of one percent of full scale range at any point of the scale on either rising or falling pressure.

Ranges

Usually calibrated in metre & feet of 'Sea Water'

Other ranges available on request

Mounting

Type 2301 – Bottom connection direct

Type 2302 – Bottom connection surface

Type 2306 – Back connection front flange 3 hole fixing

Type 2308 – Back connection front flange clamp fixing

Note: Type 2306 is available without front flange for direct mounting

Material Specification

Sensing Element:-	'C' type bourdon tube, copper beryllium (Cu Be2) THESE TUBES ARE HEAT TREATED TO GIVE THE MINIMUM OF HYSTERESIS AND COMPLETE STABILITY
Movement:-	Non-ferrous, specially designed and manufactured to achieve high accuracy and smooth operation.
Dial:-	White aluminium with mirror scale, black markings
Pointer:-	Aluminium with nickel plated brass collet accurately balanced with knife edge tip to eliminate parallax error.
Case & Bezel:-	304 Stainless Steel
Window:-	Glass 3mm thick, acrylic plastic and laminated safety glass are optional

Manufactured by

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