

Caisson – High Accuracy Depth Gauge



Model 23

Application:

Used to measure the pressure inside pressure chambers, e.g. caissons, living chambers, hyperbaric chambers and decompression chambers.

Nominal Dial Sizes:

160mm, 200mm

Accuracy:

+/- 0.25% fsd

Ranges:

Usually calibrated in metre & feet of 'Sea Water' Ranges to suit customer requirements

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.

Specifications

Sensing Element:

'C' type bourdon tube, copper beryllium (Cu Be2)

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

Mounting:

2301 *Bottom connection direct*

2302 *Bottom connection surface*

2306 *Back connection front flange 3 hole fixing*

2308 *Back connection front flange clamp fixing*

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