

LEVEL GAUGE

FLOAT & BOARD TYPE

INTRODUCTION

Float & board level gauge is a simple economic level measuring instrument. It consists of scale board, pointer, pulley, pulley housing, connection pipe, wire rope, float, guiding flanges, process flanges, anchor plate. Top mounting brackets & side mounting brackets are provided to mount the scale board on the outside of the tank. Connection pipe, pulley, guiding flanges are mounted on the top of the tank. Scale board is also mounted on the side of the tank. Anchor plate is fitted on the bottom of the tank. Float is set to float on the liquid level surface. Float is tied with wire rope passing through the pulleys connected to pointer which rolls on scale board. The level of liquid inside the tank is directly shown by the pointer rolling on the scale board.



FEATURES

- Simple
- Easy mounting
- Low maintenance
- Economical measurement solution
- Assured level indication without power supply

APPLICATION

- Chemical, petrochemical industry, Refineries
- Pharmaceutical industry
- Pressure vessels, Storage tanks
- Marine industry
- Water & waste water treatment plants
- Others

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SPECIFICATIONS

All specifications at ambient of 25 °c, unless specified otherwise

Range	Guided & Unguided Guided 7.5m with Ø200mm float Guided 15m with Ø350mm float Unguided 15m with Ø350mm float
Scale Board	Aluminium powder coated 6" wide with black graduations & numerals
Least Count	10mm
Pointer	Aluminium with powder coating with red arrow
Connection Pipe	GI, SS 1" Pipe
Pulley	SS with PTFE bush
Pulley Housing	Aluminium
Float	SS304, SS316, PP Ø 200mm, Ø 350mm
Wire Rope	SS304, SS316 Ø1.6mm (multistrand) PP Ø3mm (multistrand)
Anchor Plate	Weldable - SS304, SS316 & Others
Guiding flange Assembly	Weighted - SS304, SS316 & Others Steel Spring housed in Al or PP enclosure with flange
Top Mounting Brackets	MS, SS powder coated
Side Mounting Brackets	MS, SS powder coated
Max. Temperature	80°C/150°C for PP & SS respectively
Max. Pressure	Atmospheric
Seal Pot	On request
INSTALLATION	Float & board level gauge can be mounted on the top of the tank

ORDERING INFORMATION

Order code : 2537

- Model no
- liquid
- Sp. Gr.
- Op. Temp & Pressure
- Centre to centre distance (mm)
- Visibility
- MOC

CAT#523R0/

ENQUIRIES

Instruments: sales@radix.co.in
Sensors: sensors@radix.co.in
Gauges: gauges@radix.co.in
Automation: automation@radix.co.in

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