

The Need For Every
Process Industry



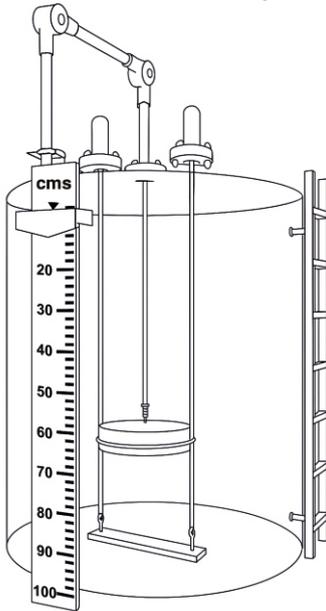
FLOAT & BOARD TYPE LEVEL GAUGE

MODEL: SC / L - 301

LEVEL

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Spink Controls' Float & Board Level Gauge is a **simple, reliable, and cost-effective** instrument for continuous liquid level measurement in **large storage tanks**. It provides clear, direct, and easily readable indication of the liquid level from a distance.

PRINCIPLE OF OPERATION

The Float & Board Level Gauge operates on a simple **float-pulley mechanism**. A float resting on the liquid surface moves up and down with the changing liquid level. This movement is transmitted through a **stainless steel wire rope** passing over a pair of pulleys to a **pointer** that travels along a **150 mm wide aluminium scale**, providing a **direct, continuous, and accurate indication** of the liquid level — all without the need for external power.

SALIENT FEATURES

- ✓ Self-centring float design eliminates the need for guide wires.
- ✓ Rugged and weatherproof construction.
- ✓ Durable aluminium, powder-coated gauge board for long service life.
- ✓ Clear and bold markings on the gauge board, visible from a distance.

ENGINEERING SPECIFICATION

CONSTRUCTION	:	GUIDED
INSTALLATION	:	GROUND LEVEL / UNDER GROUND / ELEVATED TANKS
DESIGN TEMPERATURE	:	80° C (PP), 150° C (SS)
DESIGN PRESSURE	:	ATMOSPHERIC
FLOAT	:	Ø 10" or 12" or other on request
FLOAT MATERIAL	:	PP, SS, OTHER ON REQUEST
GUIDE WIRE MATERIAL	:	SS, PTFE, PP, OTHER ON REQUEST
PULLEY MATERIAL	:	ALUMINIUM, SS, PP

MODEL SELECTION

Suffix Code	1	2	3	4	5	6	7	8	9	10	11	Parameters
Model	SC/L-301											Float & board level gauge
Float MOC		F2										SS316
		F6										Poly Propylene
Pulley MOC			P1									Aluminum
			P2									SS316
			P3									Poly Propylene
Telescopic Pipe MOC				TP1								Mild Steel
				TP2								Stainless Steel
				TP3								Poly Vinyl Chloride
Material of End fitting					EF1							SS 304
					EF2							SS 316
					EF6							Mild Steel
					EF4							Poly Propylene
Fastner						FL1						Stainless Steel
Rope								R1				SS304
								R2				SS316
								R3				Poly Propylene
Pulley Housing									PH1			Aluminum
									PH2			Poly Propylene
Pointer										PO1		Mild Steel
										PO2		Stainless Steel
										PO3		MS coated with FRP
Scale											S1	Aluminium Powdered coated
											S2	Stainless Steel
											S3	PP
Bracket											B1	Mild Steel
											B2	Stainless Steel

XX - Other on Request



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Plant 2

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