

FLOAT & BOARD TYPE LEVEL INDICATOR

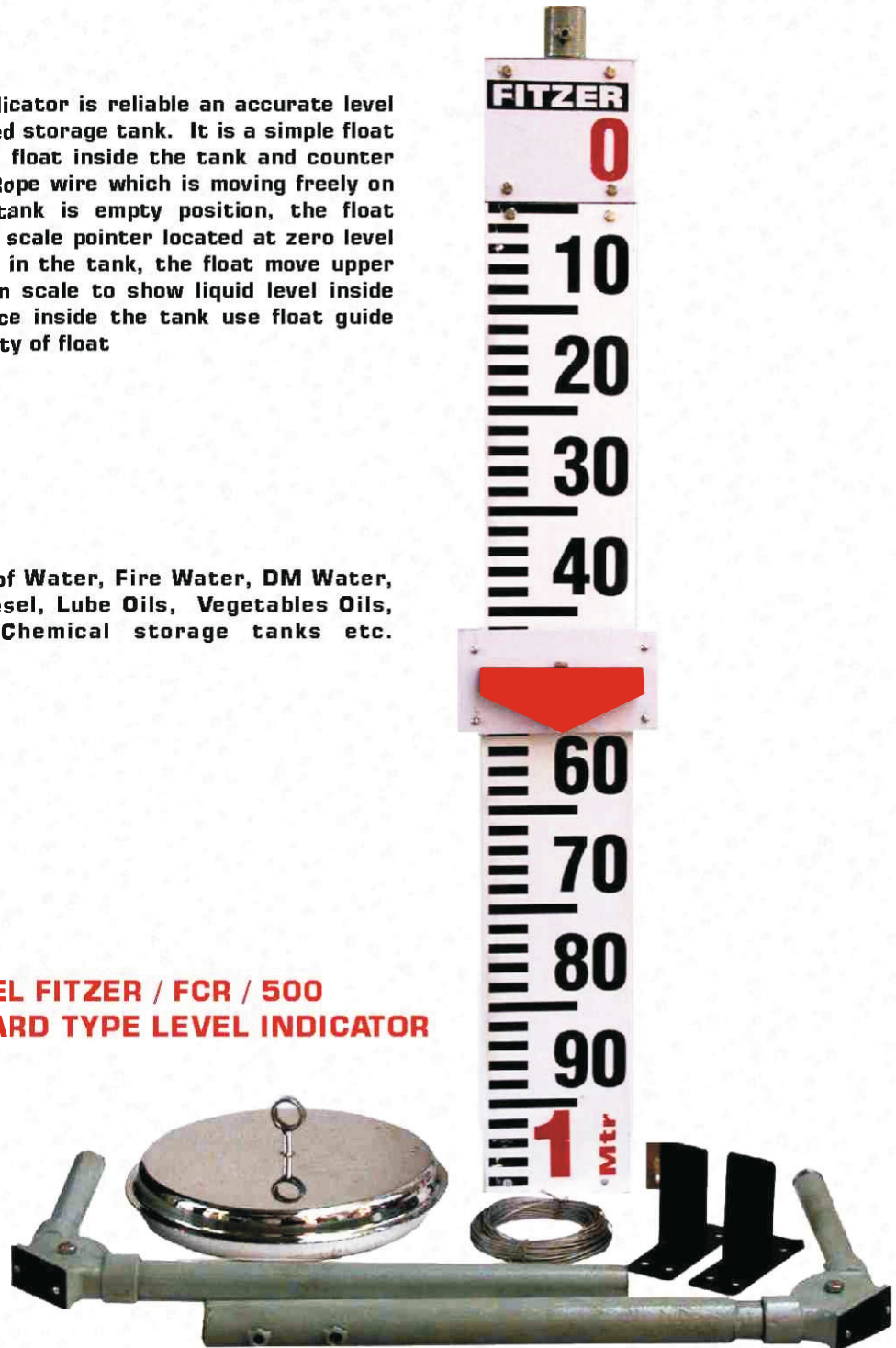
INTRODUCTION

FITZER Float & Board Type Tank Level Indicator is reliable and accurate level measuring system for large non pressurised storage tank. It is a simple float and counter weight balancing mechanism, float inside the tank and counter weight (scale pointer) connected by the Rope wire which is moving freely on the pulley assembly. When the storage tank is empty position, the float located inside the bottom of the tank and scale pointer located at zero level on external scale. If the liquid level rise in the tank, the float move upper side and scale pointer move downward on scale to show liquid level inside the storage tank. If the liquid turbulence inside the tank use float guide rope wire assembly with Anchor for stability of float

APPLICATION

Over ground / Overhead Storage tanks of Water, Fire Water, DM Water, Petroleum products like Oil, LSHS, Diesel, Lube Oils, Vegetables Oils, Molasses, Silicates, Glucose and Chemical storage tanks etc.

MODEL FITZER / FCR / 500 FLOAT & BOARD TYPE LEVEL INDICATOR



- **RELIABLE LIQUID LEVEL MEASURING SYSTEM**
- **EASY INSTALLATION**
- **POINTER FRICTION**
- **ELIMINATING ALL IRRITATING PROBLEMS LIKE PULLY JAMMING**
- **HIGH LOW SWITCHING ARRANGEMENT**
- **SCALE FABRICATED IN THICK ALLUMINIUM SHEET**
- **MILKY WHITE SCALE WITH LARGE FIGURE**
- **RADIUM SCALE ON REQUEST**

GENERAL SPECIFICATION

TANK INTERNAL ASSEMBLY :

FLOAT	: S.S. 304 /S.S 316 /S.S. PTFE Coated / PP
FLOAT DIA	: 200MM / 300MM OD (Size depending on Range)
MEASURING ROPE WIRE	: S.S. 304 /S.S 316 /Nylon Rope Wire
BOTTOM ANCHOR	: SS 304 /M.S.
ROPE WIRE	: S.S. 304 /S.S 316 /Nylon Rope Wire

INDICATING ASSEMBLY:

POINTER CRADLE	: C.S. Pointer with 6 Nylon Roller for frictionless gliding
SCALE BODY	: Aluminium White Powder Coated 150 mm
SCALE MARKING	: Multi colour printed scale with black marking & large Red figures in meters least count 1 c.m.
MOUNTING BRACKET	: M. S. (Adjustable C.S. Bracket in 1 meter intervals)

ROPE WIRE ASSEMBLY :

PULLY ENCLOSURE	: Cast Aluminium Dust proof
PULLY	: S.S. (2 Nos.)
ROPE PROTECTION PIPE	: M.S. pipe Horizontal 500 to 800 mm adjustable
NOZZLE CONN. IN VESSEL	: 25 NB ASA 150#RF, C.S. Flange OR As per Customers Requirement

GUIDE ROPE ASSEMBLY:

HOUSING	: GI (Galvanize) with 25 NB ASA 150#RF Flange
SPRING	: MS Plated

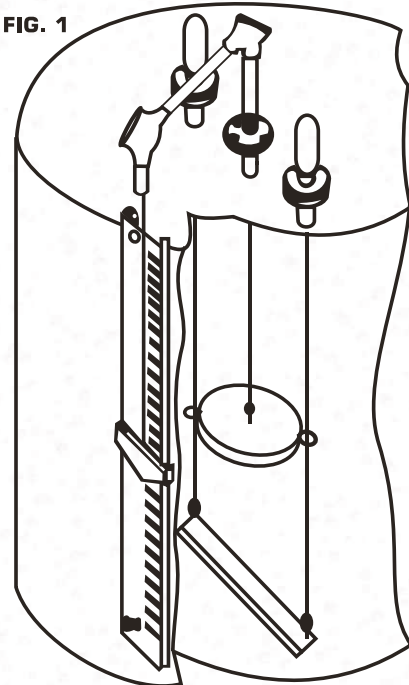
OPERATING CONDITIONS:

SERVICE	: Liquid with Sp. Gr. 0.7
OP. TEMP.	: 150 deg C with SS Float / 80 deg C (PP float)
OP. PRESSURE	: Atmospheric
RANGE	: Upto 15 Mtrs. (Above on special requests)

OPTIONAL :

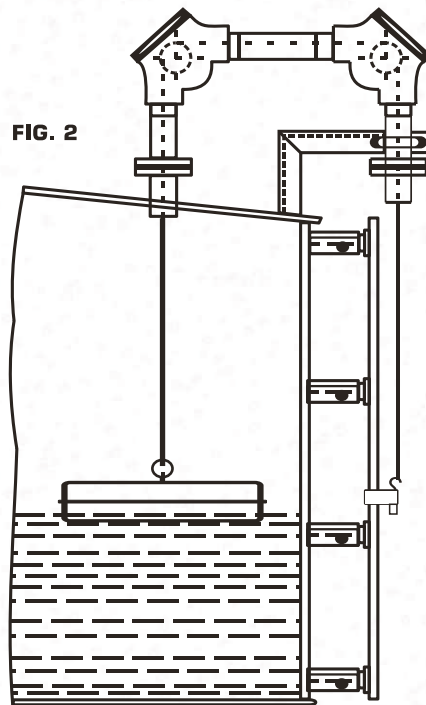
- ALSO AVAILABLE NO OF CONTACT SWITCHING ARRANGEMENT WITH FLOAT & BOARD TYPE LEVEL INDICATOR
- ALSO AVAILABLE FLOAT AND ROPE TYPE MAGNETIC LEVEL INDICATOR FOR PRESSURISED TANK (VAPOUR SEAL TYPE),
MODEL NO. FITZER / FCR / 600 DETAIL ON REQUEST

FIG. 1



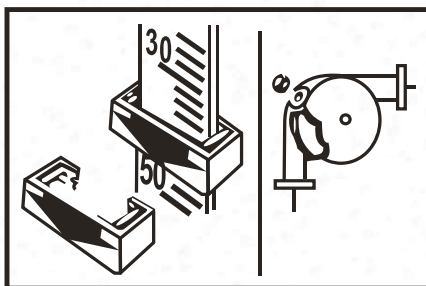
**INSTALLATION WITH
GUIDE ROPE ASSEMBLY**

FIG. 2



**INSTALLATION WITHOUT
GUIDE ROPE ASSEMBLY**

FIG. 3



**SCALE & PULLY
ARRANGEMENT**

FITZER
INSTRUMENTS
COMPANY [INDIA]

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