

## SIDE MOUNTED MAGNETIC LEVEL GAUGE

Suitable for continuous level indication of fuming which attacks glass very corrosive and hazardous liquid SS float which is equipped with alnico magnet moves up and down along with the level increases or decreases. The float magnet movement is magnetically coupled to the follower outside chamber which is enclosed in a glass tube.

**Material of Wetted parts:** SS304/SS316/PP/PVC.

**Material of Float:** SS304/SS316/PP/PVC Teflon lined.

**Range:** 0.5 meters.

**Pressure Rating:** 40kg/cm2.

**Scale:** m/C engraved on Bakelite anodized aluminum sheet graduated in cm.

**Features :** 1) Low & High level alarm 2) 4-20mA transmitter 3) Digital indicator



## U TUBE MANOMETER

U - Tube primary standard manometer used to precision measurement of pressure. Vacuum, differential pressure and flow measurement in plants and labs where certain accuracy is required.

**Ranges:** Between 50-0-50 to 4000mm SC/HG. Available in wall mounted and stand



## SAFETY VALVE

The use of the safety relief valve avoid damages to the circuit and relevant components by discharge in atmosphere pressure value higher than the safety relief set value. Safety / Pressure Relief Valves range from 1.5bar to 10bar relief, and are available in 1/2"-3/4"-1".

The safety relief valves are used in water and heating systems to control the pressure respectively in case of stored hot water or on boilers.



I would like to introduce our company **Flucon Engineers** that has been in business manufacturing of Process Control Instruments and Safety Equipment.

We have been an established and popular company with an excellent track record for the best customer satisfaction. We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price. We have an excellent staffs who will guide you with their best ideas by keeping in constant touch with your company and informing about the market trends.

Please feel free to keep in touch with us about any of your business related requirements/queries. We would like to offer our service to your company.

Sincerely,  
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## FLUCON ENGINEERS

Process Control &  
Measuring Instruments

### GLASS TUBE ROTAMETERS

Mainly used for measuring rated flow of liquid and gases

Designed on variable area basis using tapered borosilicate glass tube pressure rating at 10kg/cm temp at 1500c.

**Material of Wetted parts:** C.S./SS304/SS136/PP/PVC/Teflon.

**Line Size:** 15MM NM to 100NB

**Flow Range :** 10 to 20,000 LPH of water.

**Accuracy :** ± 1.5% F.S.R.

**End Fittings :** Screwed/Flanged/Hose Connection



### ACLYIC BODY ROTAMETER

Precisely machined from transparent solid block

Suitable for inline installation with flanged or screwed connections with several options of material for the wetted parts.

**Line Size:** from 1/2" to 4" NB

**Ranges:** Between 2.5 to 40,000 LPH of water at ambient temperature between 0.1 to 300 of full flow.

**Accessories:** High and Low Flow Alarms



## METAL TUBE ROTAMETER (MAGNET)

**Metal Tube Rotameter is basically a variable area flow meter**

Suitable to measure flow rate of translucent liquid, gases, steam and vapour under critical operating conditions.

Line Size: from 15 NB to 50 NB  
Ranges: Between 10 to 10000 LPM/LPH of water at ambient temperature as per request.



## ORIFICE PLATE AND FLANGE ASSEMBLIES

**Orifice flange assembly consists of weld neck/ socket weld type flanges with slanted Orifice studs, nuts and gaskets.**

Suitable for creating differential pressure in a pipe line for flow transmitter.

Available in SS-316/SS-304 and P.P. material.  
Ranges: Between 40 NB to 200 NB.



## SIDE FLOW INDICATOR

**Side Flow Indicator is basically used to see flow of liquid.**

Suitable where max. Visibility is desirable and mech strains in the pipeline are not present. These are all low pressure type mounted vertically, horizontally.

Available in: CS/SS304/SS316/PP.  
Pressure : 10kg / cm2



## FLAME ARRESTER

**Flame Arrester is basically used to prevent flame spreading.**

Flame arresters are safety devices designed to extinguish or check travel of flame in pipelines and ducts and to prevent flame spreading from them into or out of plant and equipments.

Available in sizes from 1" to 12"  
Elements are constructed either from aluminum or stainless steel with a cast aluminum, carbon steel or stainless steel casing.



## MAGNETIC LEVEL SWITCH (SIDE MOUNTED)

Mounted on side of nozzle of the tanks, float position changes with the level, which are turns with the help of magnetic coupling charges the switch contacts. Used for a) Automatic Pump Control. b) High and low level signals CO safety interlock circuits.



Material of Wetted parts: SS304/316/PP/ Teflon lined.

Weather proof / flame proof enclosures

## MAGNETIC LEVEL SWITCH (TOP MOUNTED)

Suitable for automatic operations for pumps, gives change over contact at predetermined level, staples adjustment of switching point entire range without interrupting to process. Switching contacts are hermetically protecting them from surroundings.



Material of wetted parts: SS304/SS316/ PP/PVS

Casing: Weather proof / Flame proof.

## MAGNETIC LEVEL INDICATOR (SIDE MOUNTED)

Suitable for continuous level indication of fuming which attacks glass very corrosive and hazardous liquid SS float which is equipped with alnico magnet moves up and down along with the level increases or decreases. The float magnet movement is magnetically coupled to the follower outside chamber which is enclosed in a glass tube.



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Material of Float: SS304/SS316/PP/PVC Teflon lined.

Range: 0.5 meters

Pressure Rating: 40kg/cm2.

Scale: m/C engraved on Bakelite anodized aluminum sheet graduated in cm.

Features: 1) Low & High level alarm  
2) 4-20mA transmitter  
3) Digital indicator

## MAGNETIC LEVEL INDICATOR (TOP MOUNTED)

Suitable for continuous level indication of horizontal, underground tank, containing very hazardous & corrosive liquid in nature.

Material of Wetted parts: SS304/SS316/ PP/PVC.

Material of Float: SS304/SS316/PP/PVC/ TEFLON LINED.

Range: 0-4 meter.

Pressure Rating: 20kg/cm2

Temp rating: 3500°C for Teflon or 600°C for PP



## FLOAT AND BOARD LEVEL INDICATOR

Suitable for measurement of liquid in over ground / over head storage tanks. Usually consist of float, dust proof pulley housing, pointer cradle with nylon & 150mm wide aluminum scale with screen printed markings.

Float: SS304/SS316/PP/FRP Teflon lined.

Pulley Housing: Aluminum/PP etc.

Wire Housing: SS304/SS316/Teflon, Nylon.

Pulley: Aluminum/PP/Nylon/SS316



## MAGNETIC FLOAT AND BOARD LEVEL INDICATOR

Magnetic Vapors Sealing Type Suitable for reacting liquids like HCL, HNO, NH4OH and other liquids where absolute vapor tightness is required.

Material of Wetted parts:

Float SS304/SS316/PP/FRP/Teflon lined.

Pulley Housing: Aluminum/PP/etc.

Wire Rope: SS304/SS316/Teflon

Pulley : Aluminum/PP/Nylon/SS316



## TOP MOUNTED LEVEL MAGNET INDICATOR

Suitable for continuous level indication of horizontal, underground tank, containing very hazardous & corrosive liquid in nature.

Material of Wetted parts: SS304/SS316/PP/PVC.

Material of Float: SS304/SS316/PP/PVC/TEFLON LINED.

Range: 0-4 meter.

Pressure Rating: 20kg/cm2

Temp rating: 3500°C for Teflon or 600°C for PP

