

Accurate Measurement Digital Liquid Flow Meter (TURBINE)



ODM-301 Screwed

Panel Flow Meter With Totalizer



ODMP-430

Turbine Flow Meters



ODM-301 Flanged

| SIZE | STANDARD FLOW LPM |
|--------|-------------------|
| 15 mm | 10-40 |
| 25 mm | 15-55 |
| 25 mm | 20-70 |
| 40 mm | 30-250 |
| 50 mm | 40-400 |
| 80 mm | 70-900 |
| 100 mm | 100-1000 |

Flow Meter Panel



ODMP-430

Digital Flow Meter With Totalizer & Flow Indicator



BHI-450

TURBINE FLOWMETER

Specifications

| | |
|---------------------|--|
| Line Size | 10NB to 200NB. |
| Flow Range | 0.22 to 750m ³ /Hr. for Liquid. 0.88 to 2200m ³ /Hr. for Glass. |
| Linearity | up to ± 0.5% of reading. |
| Repeatability | ±0.05 to ±0.1%. |
| Maximum Pressure | Threaded meter 15Kg/cm ² Flanged meter as per Rating |
| Maximum Temperature | -20°C to 150°C (Clean liquids only) |
| Accuracy | ± 1% of FSD ± 0.5% of FSD. On Request. |
| Application | For Clean Liquids like Water Solvent etc. |

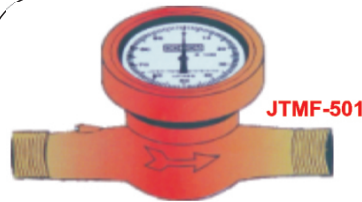
With 4-20 mA Output Transmitter

TURBINE FLOWMETER



BHI-460

With Field Mounted Flow Rate Indicator, Totalizer, 4-20 mA output Transmitter and Batcher



JTMF-501



JTMF-600

1. Flow Rate - 10L+/HR-48M3/HR
2. Temperature - up to 60°C (Higher Temp, If Please specified)
3. Pressure : 0-21 Kg/cm²
4. Viscosity - 1000 CP. Max
5. Nominal Box - 15mm, 20mm, 25mm, 40mm, 50mm, 80mm, 100mm,
6. Liquid - Petroleum products MS, HSO, LDO, F.o, SKO LSHS, Vegetab1 Oil solvents and non-corrosive liquieds
7. Accuracy -+0.5%



JTMF-525

MECHANICAL FLOW METER

WITH TOTALIZER



Model MD-130

JTM-O-201

**FLUID HANDLING TECHNOLOGY
FUEL TRANSFER PUMPS & FLOW METER
TANKER MOUNTED DIESEL- KEROSENE REFUELLING PUMP**



Transferring FLUIDS from TANKS or DRUMS - HEAVY VEHICLES - INDUSTRIAL APPLICATION

PIPE LINE STRAINERS

Pipe Line Strainers a wide range of strainers to cater to the versatile need of the process and chemical industries. Rigid inconstruction with full port filter elements are the material are CI, CS, SS-304/316 G.M Brass etc. with SS-316/304 filtering elements, 5 to 500 microns from 15NB to 50NB 25NB to 350NB

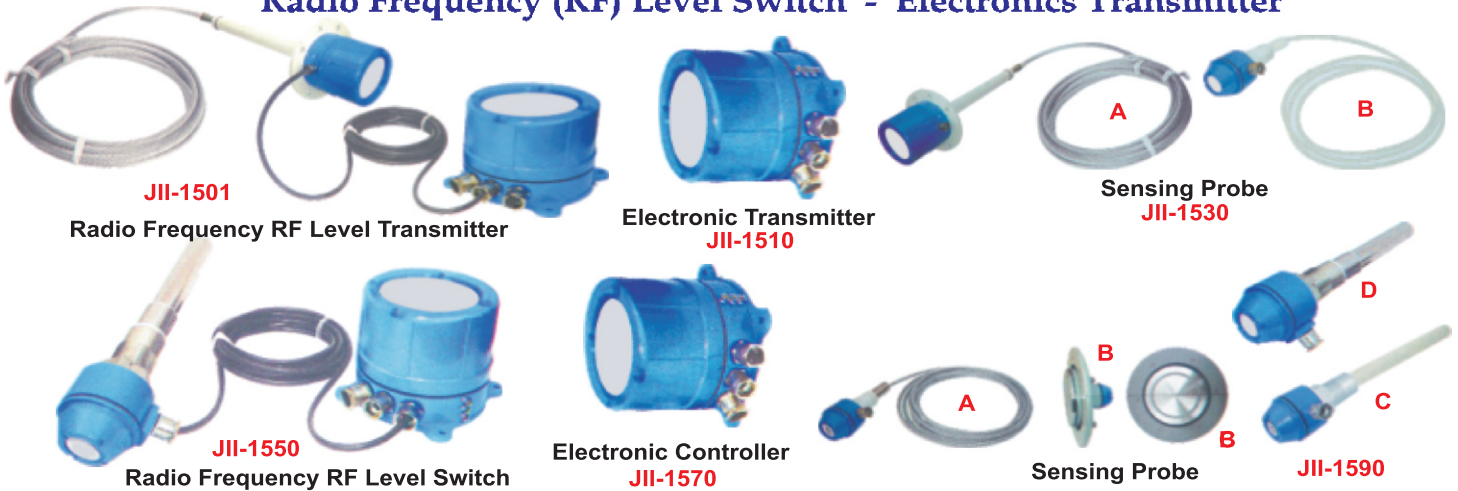


Basket Type
Model
JTMF-51



Strainer Type
Model JTMF-52

Radio Frequency (RF) Level Switch - Electronics Transmitter



JII-1501

Radio Frequency RF Level Transmitter

Electronic Transmitter
JII-1510

Sensing Probe
JII-1530

JII-1550

Radio Frequency RF Level Switch

Electronic Controller
JII-1570

Sensing Probe

JII-1590

CAPACITANCE LEVEL INDICATOR TRANSMITTER



BHI-630

High-temperature, acid & alkali and various type of tank or equipment.

Operating voltage
24VDC; max. Output current: 20mA

Resolution
±2% Probe material includes stainless steel, PVDF coated, PP coated or PFA coated.

Max. Operating temp. 200°C
Enclosure Protection IP-65 or explosion-proof.

Output 4-20m Amp.
Accessories Digital Indication, Control Set Point.

MAGNETIC FLOAT LEVEL INDICATOR MINI LEVEL SWITCHES



BHI-635

BHI-638

Plastic Float type: Ø48, Ø55.
Specific Gravity : 0.3~0.8
Output : 4~20mA two / three wire.
Supply voltage: 13~36VDC (4~20mA output), 5~30VDC (Three wire)
Measuring range : max. 6M
Temperature 120°C & high pressure 30kg/cm².

CAPACITANCE LEVEL SWITCH



JII-650

No moving parts inside the device, is not affected by friction, suitable for powder or liquid application.

Operating temperature:-
20~200°C, max. 800°C
The sensitivity, which includes 10pf, 20pf and with timing delay design, adjustable timing range 0~6 seconds.

Voltage:
10V/22V AC or 24V DC

Output:
NPN transistor 5A/250V AC & 5A/240V AC SPDT contact.
Standard connecting screw 1" NPT, special specifications are acceptable.

CONDUCTIVITY TYPE LEVEL SWITCH



JII-646

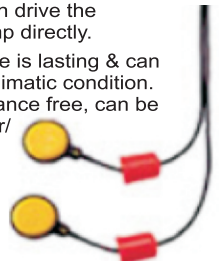
Range
12 Meters (6 Preset Levels, 6a 230 Vac Spdt)
Max. Temp 200°C
Max. Press 20 Kg/cm²
Acceptable for All Industries

CABLE FLOAT LEVEL SWITCH

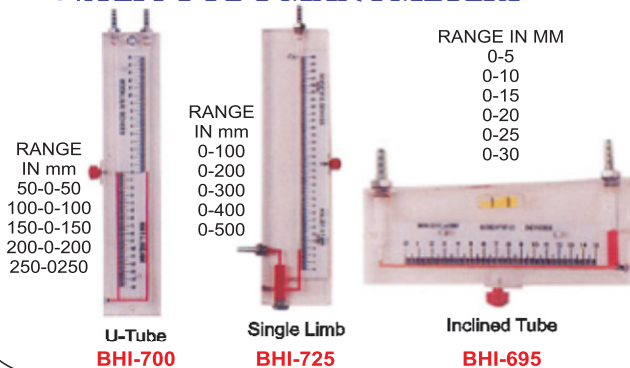
BHI-633
Use Micro Switch as contact output, Switching capacity 10A/250V AC, 15A/250V AC can drive the submersible pump directly.

HAR rubber cable is lasting & can be used in any climatic condition. Simple, maintenance free, can be applied in Waster/ Pure water.

Cable length is adjustable.



ACRYLIC BODY MANOMETERS



RANGE
IN mm
50-0-50
100-0-100
150-0-150
200-0-200
250-0-250

RANGE
IN mm
0-100
0-200
0-300
0-400
0-500

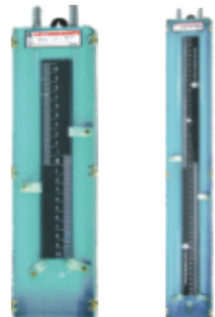
RANGE IN MM
0-5
0-10
0-15
0-20
0-25
0-30

U-Tube
BHI-700

Single Limb
BHI-725

Inclined Tube
BHI-695

METAL BODY MANOMETERS

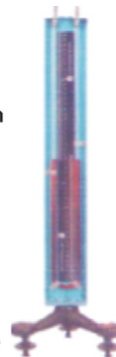


BHI-680

BHI-670

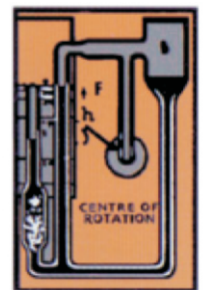
MANO METERS

U-tube Aluminum Body Wall Mounting/Base Mounted
Range :
150-0-150mm,
250-0-250mm,
500-0-500mm,
Range on Order
Plastic Fine Graduated Scale



BHI-690

MACLEOD GAUGE



Mercury Filled
BHI-625



REFLEX LEVEL INDICATOR

Safe & Positive visual Indication of liquid level in vessels under high Pressure and Temp., Tempered Borosilicate glass, resistance to chemical, Thermal & mechanical shocks, Liquid chamber one piece Metal Bolts & Nuts Alloy steel sandwiched the Tempered Borosilicate glass with gasket Body M.S./C.S./304 SS/316SS3 c/c distance 1600mm or on other, chamber entry Top or Side / Rear, connections Flanged, screwed vent drain 1/2" needle / V-Bolt / Diaphragm, may pressure 30Kg / cm , Temp. 300°C.

BHI-661



TRANSPARENT LEVEL INDICATOR

Liquid level measurement in Tanks for interface service of the process is dirty or viscous. Construction : Standard / Large chamber or weld pad transparent Borosilicate glass plate, CAF, PTFE cushion, Body & cover plate MS, CS, 304SS, 316SS, PP as standard Bolt / Nuts MS or grsd alloy steel, c/c Distance 1600mm in length / on order, chamber entry Top or Horizontal orientation vent 1/2 plug (BSP / NPT) Drain valve 1/2" needs/ball/diaphragm type. Max. Pressure 30 Kg/cm , Temp. 300°C, scale graduated.

BHI-655



TUBULAR LEVEL INDICATOR

Tubular level Gauge for visual liquid level, mounted parallel to the tank with borosil glass Tube sigged to atmospheric or Pressurised tank application, Tie Rod Construction, Integral or in line arrangement, single length c/c distance up to 1600 mm on order or customer specification, Zero leakage, easily replaceable Measuring scale with accurate graduation on plastic, Standard valves Screwed / Flanged.

BHI-665



HYDROSTATIC LEVEL INDICATOR

JII-1325

The Scientific Hydrostatic level indicator is a robust diaphragm type gauge with a dial read out. This gauge requires no power source and is suitable for fitting to tanks, which may be used for different liquids

FLAT & BOARD TYPE LEVEL INDICATOR

JII-1375

A totally new, accurate system for liquid level measurement in tall and overhead tanks.

Suitable For:

Over ground / Overhead storage tanks. Water, Fire Water, DM Water Storage tanks. Storage tanks petroleum products like Oil, LSHS Diesel, Lube Oil etc. All non-hazard non-Pressurised tanks



FLOAT & BOARD TYPE LEVEL INDICATOR MAGNETIC VAPOUR SEALING TYPE

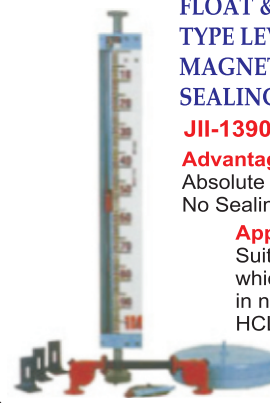
JII-1390

Advantages:

Absolute Vapour tightness. No Sealing liquids.

Application:

Suitable for liquids which are evaporative in nature. Liquids like, HCL, HNO3, NH3 etc.



FLOAT AND TAPE DIAL LEVEL INDICATOR

JII-1410

Range 20 meters
Max. Temperature 120° C
Max. Pressure 0.2Kg/cm²
Enclosure Weatherproof as per IP-56
Intrinsic Safety (Ex IIB T6)
4-20mA Four set point 5 Amp. 230V

SIDE MOUNTED MAGNETIC LEVEL SWITCH

BHI-601

Float mounted at one end of rigid rod moves with change in level, magnetic capsule at other end of rod moves accordingly within fixed limits Switching contacts operates in most liquid, Trouble free operation, Low cost of ownership. High Low level signals for alarm Annunciation.



DIFFERENTIAL PRESSURE TRANSMITTER

JII-1400

Proven Microprocessor Based Digital Amplifier. Simplicity in Calibration. Simple Trouble Free Electronics 24 Volts, 2 Wire Transmitter Output-4-20 mA (with HART)

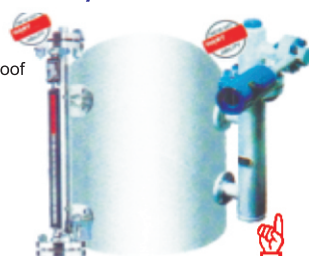


SMART LEVEL TRANSMITTERS/INDICATORS



Principle Magnetic Float Type
Enclosure Weather/Explosion Proof
Range Upto 6 Meters
Mounting Top Internal/Side-Side
Temp/Pres 350°C/40 Kg /cm²
Function Indication/4-20 mA Transmission/Switch

JII-1430



Principle Displacement Type
Enclosure Weather/Explosion Proof
Range Upto 4 Meters
Mounting Side-Side/Top Side/Top-Bottom/Top/Side
Temp/Pres 450°C/150 Kg /cm²

ULTRASONIC/RADAR TYPE LEVEL TRANSMITTERS



Principle Non Contact Ultrasonic
Measuring Range 0.2 to 35 m for Liquids
Protection IP-67/explosion Proof
Temp/Pres 30°C/100°C/3 Bar Max.
Output 4-20 mA, Realy, RS 485 HART

JII-1450



Principle Guided Wave / Radar Type
Measuring Range 0.5 to 65 M for Liquids
Protection IP-66/IP-67/explosion Proof
Temp/Pres 20°C/150°C/ upto 64 bar Max.
Output 4-20 mA, Realy, RS 485 (with HART)



WATER METER



JII-610

JII-640 relate to cold water meter temp 45°C FLANGED DRILLED as per I.S.S or specified.

HOT WATER METER



JII-685

METAL TUBE FLOW METER



BHI-472

Dial Type Read-Out
Straight Flow Design
No Bends No Seals,
No Threaded Joints
Direct Reading
Scale Compact,
Economical Design
Perfect Safety.

STANDARD RANGES

FLOW METERS TRANSMITTERS SWITCHES

BHI-530

Principle Flow Switch On-line
Enclosure Weather/Explosion Proof
Range 0.75 to 2.78 m³/hr
Mounting Threaded/Flanged upto 2"
Temp/pres 150°C/20 kg/cm²

BHI-535

Principle Flow Switch Flapper Type
Enclosure Weather/Explosion Proof
Range 5-55 m³/hr
Mounting Insertion above 2" line size
Temp/pres 100°C/25 kg/cm²



FLOW SWITCH

Wetted Part SSS304, Ss316, TEFLON
Operating Temp -30°C~150°C
Contact Rating 40W / 230 VAC SPDT
Mounting Screw 1" NPT
Suitable Pipe 1"~3"
Operating Pressure 255 PSI



BHI-515



BHI-520

ACRYLIC BODY ROTAMETERS

Flow Meters / Rotameters special for OEM requirement.

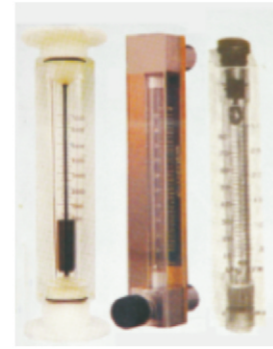
Precision Machined from solid Acrylic Manual Control of Air, Gas Flow/Water ACC±5% F.S., Unbreakable, Female/Male Connection, Fine Control Valve, Standard S. S / Plastic Rotas (Float) Direct Panel mounting Range 0-1, 0-2, 0-5, 0-10, 0-15, 1-20, 0-50, 0-100 LPM Air / Gas / Water or on Order.



BHI-468



BHI-469



BHI-470



Purge
BHI-700



BHI-466



BHI-467

GLASS TUBE ROTAMETERS



BHI-481



BHI-490

GLASS TUBE ROTAMETERS are rugged in construction and widely used in all industries for metering transparent liquids and gases at limited temperatures and pressures.

Performance : Accuracy : +/-2% full Flow, reproduce ability : 0.5%, Rangth : 175-200mm depending upon gland packing material, Connections : Flanged, Threaded. **Materials** : Tube : Borodilicate Glass, Float : 316 SS, PTFE, Silicon, Viton, end Fittings : Mild Steel, Brass, Aluminum, Carbon Steel, Brass, Aluminum, Carbon Steel, 304/316 SS, Cast iron, PVC Lined, PTFE Lined and any other desired material subject to its availability.

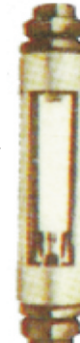
Accessories : STANDARD RANGES

BY PASS ROTAMETERS

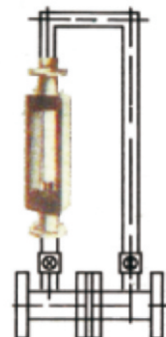
BHI-480

Flow Meter with screwed at to the ends and cover Frame with Glass Panes.

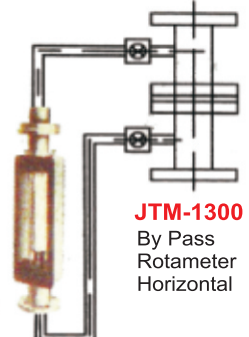
JTM-1100
By Pass Rotameter Vertical



BHI-480



JTM-1100



JTM-1300
By Pass Rotameter Horizontal

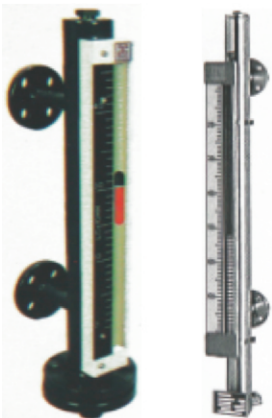
SIDE MOUNTED MAGNETIC LEVEL INDICATOR

JII-1200

Simple magnetic principle used to get unique, absolutely safe and most reliable level indicator for dangerous liquids even under high pressure.

Corrosive acids, Solvents, Alcohols, Liq. Gases LPG, Veg. Oils, Fuel Oils, Water etc.

Accessories:
High & Low level Alarm.
Resistance Strip with 4-20 m Amp. Output.



TOP MOUNTED MAGNETIC LEVEL INDICATOR

JII-1150

for dangerous and toxic liquids under high pressure and temperatures.

Application:
Dipstick substitute, Corrosive acids, Solvent tanks such Acetone, toulene, alcoholic liquids.

Oils such as thermic fluid, Petrol Diesel, Lubricants,
High & Low level Alarm.
Resistanee Strip 4-20 M AMP Output

