

- WATER METERS
- VALVES & COCKS
- PRESSURE GAUGES
- DIAL THERMOMETERS
- PRESSURE & TEMP. SWITCHES
- PRESSURE & TEMP. TRANSMITTERS
- PIPES, PIPE FITTINGS & FLANGES
- FILTER, REGULATOR & LUBRICATORS
- DEAD WEIGHT / COMPARISON TESTERS
- HYDRAULIC TEST PUMPS
- PNEUMATIC FITTINGS
- BOILER ACCESSORIES
- STEAM TRAPS



H. GURU



210, Nagdevi Street, Mumbai - 400 003.

Tel.: 2343 8246, 2344 5240

2311 7080, 6573 6777

Fax : +91-22-2340 1334

Email : valiulla@fairdealtubes.com

Website : www.fairdealtubes.com

# WATER METERS

'INFERENTIAL DRY TYPE' - STRAIGHT READING - DOMESTIC TYPE  
SCREWED END : 15mm, 20mm, 25mm, 40mm & 50mm Size. SPIRAL (BULK)  
TYPE - ENCLOSED & INTERCHANGABLE TYPE FLANGED END : 50mm to  
600mm. SIZE CLASS A/B.



Watermeters are suitable for measurement of large flows of water where little head is available, particularly for consumers such as industrial units, societies, bungalows & flats drawing water from single mains.

Meters are calibrated in kilo-litres & accurately register flows within a limit of  $\pm 2\%$  over their wide measuring range (1 kilo litre = 1 cubic metres); meters conform to ISS 1536 / 1538. Meters are suitable for use with water temp. upto  $45^{\circ}\text{C}$ . (Hot water meter - water temp. Upto  $85^{\circ}\text{C}$ .) The meters are tested to withstand a pressure of 16 kg/cm<sup>2</sup>.

## Precautions

- 1) Meter should be so installed that water always flows in a horizontal straight line. It is recommended that there should be a straight pipe length before and after the meter equivalent to ten times its nominal size.
- 2) External strainer must be installed on inlet inside of the watermeter.
- 3) Watermeter should be handled with great care so as to avoid any jerk or fall which can damage it & can affect its performance.
- 4) Meter should not be buried underground.
- 5) Non-Return (Check) Valve on outlet side of the watermeter is preferable.



# PRESSURE GAUGES

## GAUGES

●PRESSED STEEL ● NON-FERROUS (WEATHER PROOF) ● STAINLESS STEEL ● SCHAFER'S DIAPHRAGM ● SEALED DIAPHRAGM ●CAPSULE ●RECEIVER ●DIFFERENTIAL ●AMMONIA ●FREON ●DEPTH ● DRAUGHT ●PULP ●HYDRAULIC ●GLYCERINE FILLED ●OXYGEN ACETYLENE ●TEST ●ELECTRIC CONTACT

## ACCESSORIES

●Snubber(Pulsating Dampner) Gauge Cock ● Syphon ● Three - way manifold made of stainless steel AISI-316 ●Electric Contact ● Over Range Relief Valve ●External Zero Adjustment ● Anti-Vibration Spring ●Case-SS 304 / 316 / Pressed Steel ● Adaptor - Brass / S.S ● Diaphragm Protector-Silver / Teflon (PTFE)/S.S. 316 ● Glass/Shatter Proof/Toughened ● Glycerine Filling - General / with Blow Out Disc ● Needle Valve ● Gauge Saver ● Isolation Valves etc.



# THERMOMETERS

## MERCURY IN STEEL / VAPOUR PRESSURE & BIMETALLIC DIAL THERMOMETERS

### MERCURY IN STEEL THERMOMETERS

Mercury in Steel Thermometers operate on the basis of expansion of Mercury in the Bulb which in turn produces a circular deflection in a volume sensitive Bourdon Tube. In these Thermometers a linear scale is obtained which makes the system preferable for reading of scale over the whole range. Mercury in steel Thermometers 3/4" BSP (M) Accuracy  $\pm 1\%$  Bulb & Connection Material Mild Steel / S.S. 304, Bulb Fitting Type, Adjustable Gland, Cast Aluminum weatherproof case, stove enamelled black with screwed Inner Bezel ABS Plastic, Bulb Dia. 16mm. Stem Dia. 9mm. Immersion Length : Adjustable between 100 to 250mm

### VAPOUR PRESSURE THERMOMETERS

Vapour Pressure of a Liquid is a function of temperature. Features High Speed of response, Lower Cost, Ease of Repair & Non-linear scale. Bulb Dia : 14mm, Stem : 8mm, Immersion Length : Adjustable between 100 to 250mm.



# PRESSURE SWITCHES & TRANSMITTERS

## Electronic Pressure & Temperature Transmitters

Pressure transducers, transmitters and switches for measuring ranges from 0.... 0.6 mbar to 0....7000 bar, digital and smart temperature transmitters for head, rail and enclosure mounting. Temperature ranges from -200°C + 1600°C

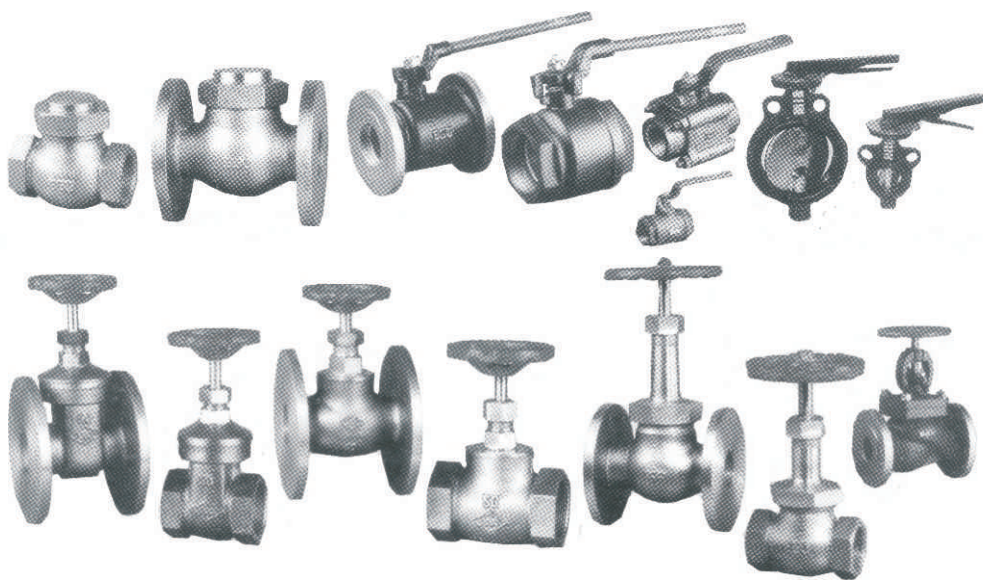


# VALVES & TRAPS

● M.o.C. Gun Metal ● Cast Iron ● Cast Steel ● Stainless Steel

## VALVES

● GATE ● GLOBE ● STEAM ● NON-RETURN ● NEEDLE  
● BUTTERFLY ● BALL ● FLOAT ● SAFETY ● RELIEF ● PRESSURE  
REGULATOR ● PRESSURE REDUCING ● PLUG ● GLAND ●  
GAUGE GLASS ● STRAINERS ● FERRULE ● AIR FILTER ● AIR  
REGULATOR ● OIL LUBRICATOR ● STEAM TRAPS etc.





# DEAD WEIGHT & COMPARISON TEST PUMPS



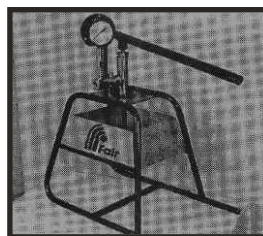
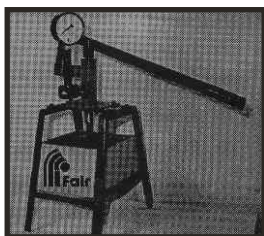
Complete Solution to Pressure &  
Vaccum Measurement & Calibration



## MANUAL HYDRAULIC TEST PUMPS

### RANGE

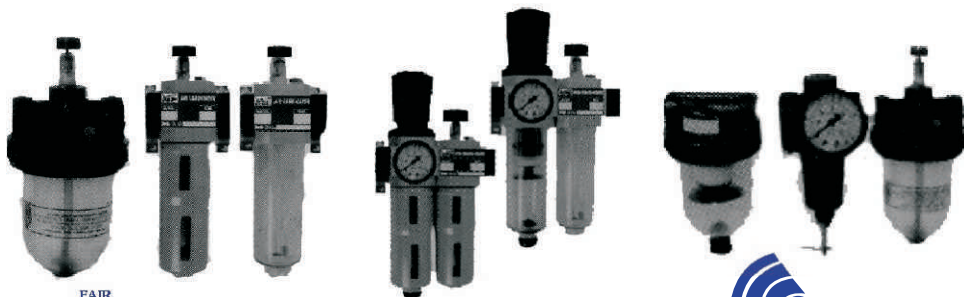
70 kg.  
140 kg.  
210 kg.  
350 kg.  
700 kg.  
1000 kg.



## F R L

FILTER + REGULATOR (COMBINATION)

FRL UNIT (FILTER+REGULATOR+LUBRICATOR)



FAIR



**fairdeal**  
TUBES CORPORATION

# PIPES & FITTINGS

**SEAMLESS & ERW -  
M.S. / C.S. / S.S. / C.I. PIPES**



## FITTINGS

- 1) Buttweld forged steel Elbows (1.5D) and Bends (3D)  
Size :  $\frac{1}{2}$ " to 12" in SCH. 40, 80 and 160 As per ANSI B 16.9
- 2) Forged Carbon Steel fittings for High Pressure of 3000/6000 lbs.  
Types : Union, Coupling, Elbow, Tee, Nipple, Reducer  
Size :  $\frac{1}{2}$ " to 6" Dia.  
Ends : Socket / Butt Weld, Flanges BSP / NPT  
Specification : AS PER ANSI B 16.11



## FLANGES

- Type : Slip-on, Weld Neck, Blind, Threaded Socket-Weld Lap Joint  
Standards : BS 10 (Table - D, E, F, H, J & K)  
ASA 150, 300, 600, 900, 1500 & 2500 lbs.  
DIN ND 6, 10, 16, 25 & 40; IS 6392, 1538  
ANSI B 16.5, MSS-SP-44, API 605, AWWA207

## MATERIAL OF CONSTRUCTION

- Mild Steel : IS 2062  
Carbon Steel : ASTM A-105, IS 2002, LF 2  
Stainless Steel : ASTM, A-182, F 316, F 321, F304L, F316L

