

## U - TUBE TYPE MANOMETER

### INTRODUCTION

FITZER U-Tube type primary standard manometer used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is required.

### GENERAL SPECIFICATION

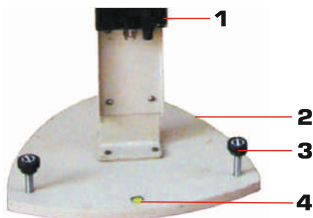
<b>CASING</b>	M.S. / Aluminium Casing from three side and aluminium cover with transparent acrylic front.
<b>METERING TUBE FINISHING</b>	Special uniform bore thick walled borosilicate glass tube Industrial Grade painted / Powder coated
<b>PACKING</b>	Teflon / Neoprene.
<b>SCALE RANGE</b>	Scale milky white PVC with Black colour Lining and figures mm of Wc / mm of Hg / Inches / mBar / Kpa / Pa OR Calibrated Scale using with different Sp. Gr. Fluid
<b>MANOMETRIC FLUID</b>	Water / Mercury / ATB Liquid Sp. gr. 2.96
<b>WETTED PART</b>	M.S., Aluminium, SS, PP, PVC.
<b>END CONNECTION</b>	1/4" BSP / NPT (F) OR Nozzle Type
<b>MOUNTING ARRANGEMENT</b>	Wall Panel / Flush OR Stand Mounting
<b>ACCURACY</b>	Drain Plug, Filling Plug, Zero Adjusting Knob +/- 0.25% , +/- 0.1% of F.S.D. OR Better.
<b>TEST PRESSURE</b>	1.5 Time of Operating Pressure
<b>MAX. TEMPERATURE</b>	90 deg C, Extra depend on Manometric Fluid

Range in mm	L inches	W inches	H inches
100 - 0 - 100	16	3.25	1.5
150 - 0 - 150	20	"	"
200 - 0 - 200	24	"	"
250 - 0 - 250	28	"	"
400 - 0 - 400	40	"	"
500 - 0 - 500	48	"	"
600 - 0 - 600	56	"	"
750 - 0 - 750	68	"	"
1000 - 0 - 1000	88	"	"
1250 - 0 - 1250	108	"	"
1500 - 0 - 1500	128	"	"

Code no.	Extra If Required
MT	Mounting Stand
OC	Overload Chamber
CV	Check Valve
CP	Catch Pot
TVM	Three Valve Manifold
FVM	Five Valve Manifold
VA	Vernier Arrangement
AP	Aspirator Pump

Above given sizes are approx in inches, change if extra accessories add or change in scale range.

### Stand Mounting Type



- 1) Manometer
- 2) Mounting stand
- 3) Levelling Knob
- 4) Spirit Level Bulb.

MODEL : FITZER / UT / 20

