

MERCURY FILLED ABSOLUTE PRESSURE MANOMETER

INTRODUCTION

FITZER Mercury filled Absolute pressure manometer is used for accurate measurement of process vacuum in its last stages. They have been found useful and reliable in place of vacuum gauges, particularly in process where accurate vacuum measurement is essential. A catch pot is attached to the manometer to protect it from dust, moisture or any other sediments in the line entering into the manometer. This keeps manometric mercury pure for longer period.

GENERAL SPECIFICATION

CASING	M.S. /Aluminium Casing from three side and aluminium cover with transparent acrylic front.
METERING TUBE	One end Sealed Mercury filled Special Uniform bore thick walled borosilicate glas tube.
FINISHING	Industrial Grade painted / Powder coated
PACKING	Teflon / Neoprene.
SCALE	Scale milky white PVC with Black colour Lining and figures
RANGE	mm of Hg
WETTED PART	M.S., S.S,
END CONNECTION	1/4" BSP /NPT (F) OR Nozzle Type
MOUNTING ARRANGEMENT	Wall Panel / Flush OR Stand Mounting Catch Pot
ACCURACY	± 0.25% , ± 0.1% of F.S.D. OR Better
TEST PRESSURE	1.5 Time of Operating Pressure
MAX. TEMPERATURE	90 deg C

MODEL - FITZER / UAPI / 76 Range in mm of Hg.	MODEL - FITZER / SLAP / 76 Range in mm of Hg.
50 - 0 - 50	0 -100
100 - 0 -100	0 -200
150 - 0 - 150	0 -300
380 - 0 - 380	0 -760

ACCESSORIES



Mounting Stand



Catch Pot

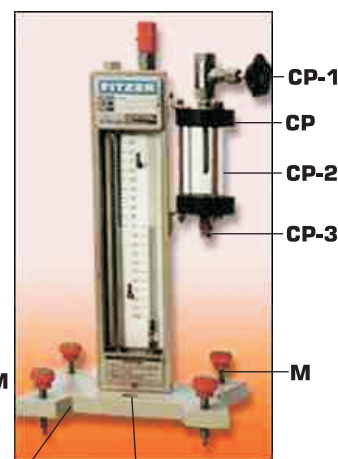


Mounting Stand

A) U TUBE TYPE ABSOLUTE PRESSURE MANOMETER

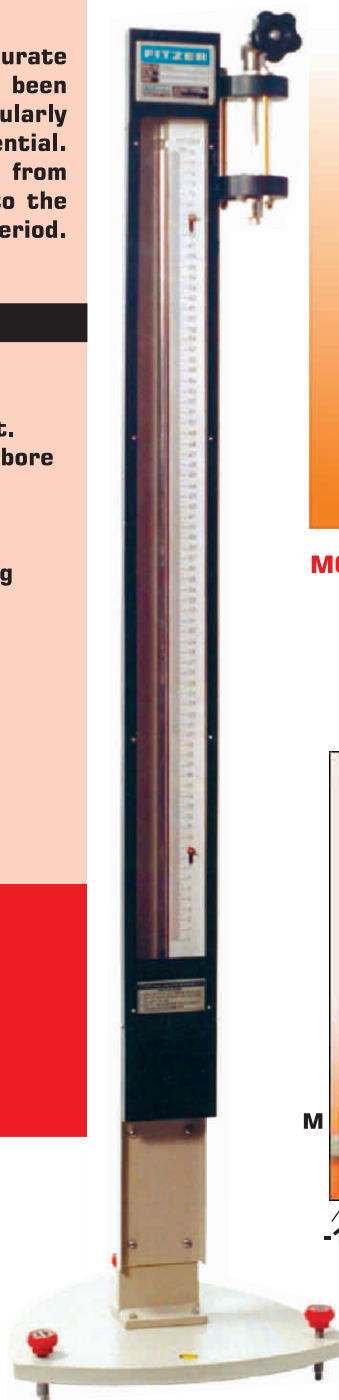


MODEL : FITZER/UAPI/76



Stand Mounting

MODEL : FITZER/SLAP/ 76 SINGLE LIMB ABSOLUTE PRESSURE MANOMETER



M = Mounting Stand		CP = Catch Pot	
1	Leveling Knob	1	Isolating Valve
2	Spirit Level Bulb	2	Borosilicate Glass
		3	Drain Plug

It is well type Direct reading Absolute pressure manometer designed compact for High accuracy. The mercury level is always of Barometric pressure and on applied pressure of vacuum measured directly in absolute volume.