

# HOMOGENIZER PRESSURE GAUGE

DI APHRAGM TYPE

**airmaster**



## SPECIAL FEATURES

- SUITABLE FOR HOMOGENIZER MACHINES
- FILLED VERSION FACILITATE USAGE IN VIBRATION ZONES TO AVOID DAMAGES TO ITS MECHANISM
- STANDARD FOLLOWED IN GENERAL EN 837-3

## APPLICATIONS

THESE GAUGES ARE BEING USED IN APPLICATIONS WHERE HYGIENE IS OF PRIME IMPORTANCE LIKE DAIRY, FOOD, ICE CREAM, BEVERAGES, PHRAMACEUTICAL INDUSTRIES & STERILIZATION.



## SPECIFICATIONS

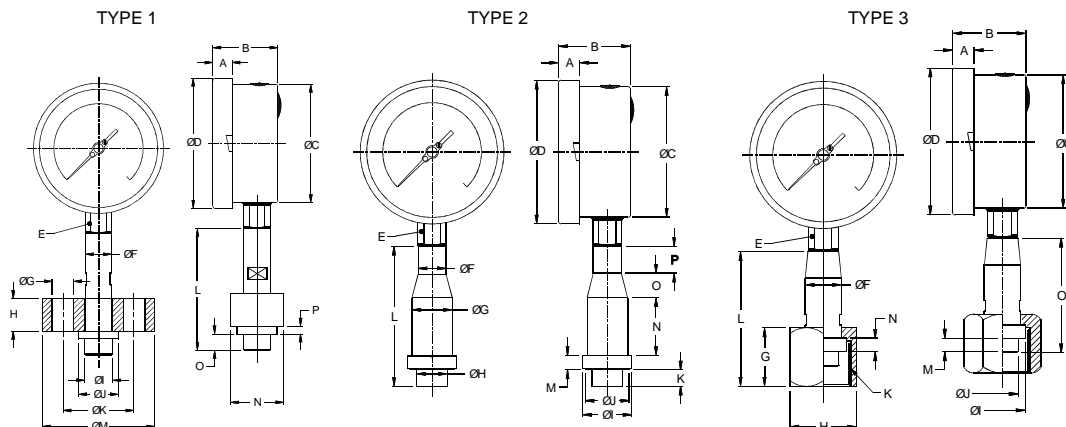
### STANDARD VERSION : 100mm

Accuracy	: ±1.6% of F. S.
Ambient temperature	: - 25°C to + 65°C
Process temperature	: Max. 120°C
Operating pressure range	: 75% of Scale Value

Case & Bezel	: AISI 304 SS (Bayonet Type)
Bourdon	: AISI 316L SS
Socket	: AISI 316L SS
Movement	: AISI 304 SS
Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Joints	: Tig Argon Arc Welding

Protection	: IP 65
Dial	: Aluminum, black graduation on white background
Pointer	: Aluminum, black coloured micrometer zero adjustable
Window	: Plexi Glass
Blow off Disc	: Neoprene
Gasket & Filling plug	: Neoprene
Sealing liquid	: Glycerin
Dampening Liquid	: Glycerin 99.7%

## DIMENSIONS - STANDARD VERSION



### FLANGE CONNECTION

NS	A	B	ØC	ØD	E	ØF	ØG	H	ØI	ØJ	ØK	L	ØM	N	O	P	Weight in gram (With Box)
100	12.5	47	100	111	22	22	18	28	24	35	60	90	95	45	13	6.5	1600.0

### WITHOUT FLANGE CONNECTION

NS	A	B	ØC	ØD	E	ØF	ØG	ØH	ØI	ØJ	K	L	M	N	O	P	Weight in gram (With Box)
100	12.5	47	100	111	22	21	31	26	37.5	34	10	89.5	10.3	34	24.2	8	1200.0

### 11/4" BSP(F) CONNECTION

NS	A	B	ØC	ØD	E	ØF	G	H	ØI	ØJ	K	L	M	N	O	Weight in gram (With Box)
100	12.5	47	100	111	22	27	44	A/F 50	34	23.5	1 1/4" BSP(F)	101	10	10	85	1300.0

Notes : • Drawings are not to scale. • All Dimensions are in mm. • NS = Nominal Size