

Model : **HY10** (100mm Dial, Dry Case) **LFHY10** (100mm Dial, Liquid Filled Case)
HY15 (150mm Dial, Dry Case) **LFHY15** (150mm Dial, Liquid Filled Case)

Features

- Designed for pressure measurement in Sanitary application
- Designed compliance to International Dairy Federation
- Compliance to latest EN-837 standard
- Range : Refer table
- Accuracy $\pm 1\%$ FSD (Standard), $\pm 0.5\%$ FSD (on request)
- Unit of measurement - kg/cm², bar, psi, kPa
- Micrometer pointer

Hygiene Gauges designed for pressure measurement in Sanitary application in accordance with International Dairy Federation (IDF) requirements in pharmaceutical, dairy, biotechnology, food & beverages industries.



Specifications

Ref. Standard	EN-837
Dial	100 mm / 150 mm in Aluminium, white background, black markings
Case	SS304 / SS316 with bayonet bezel
Protection	IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Diaphragm	SS316L welded
Wetted Parts	SS316L
Movement	SS304 / SS316
Range	Refer table
Connection	Triclover / SMS union / IDF fitting
Filling Fluid	Silicon oil / Glycerine / Food grade oil
Accuracy	$\pm 1\%$ FSD (0.5% FSD on request)
Over range	As per EN 837
Zero adjustment	Micrometer Pointer
Blow out disc	Provided (on top)
Temperature suitability	Ambient (-)4°C to 60°C, Media 150°C
Temperature Effect	Within $\pm 0.4\%$ FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	NACE compliance External Knob for zero setting Glycerine filled case Triclover Clamp with Gasket SMS Male Coupling with Gasket IDF Male Coupling with Gasket CE

Ranges

Gauge	bar, kg/cm ²	Least count
Compound	(-)1 to 3*	0.10
	(-)1 to 5	0.10
	(-)1 to 9	0.20
	(-)1 to 15	0.50
	(-)1 to 24	0.50
Pressure	(-)1 to 39	1.0
	0 to 4*	0.10
	0 to 6	0.10
	0 to 10	0.20
	0 to 16	0.50
	0 to 25	0.50
	0 to 40	1.0

* Range 0 to 4 and (-)1 to 3 are available in 2" connection only

Hygiene Gauges - 100mm & 150mm Dial

GAUGES BOURDON

F R A N C E

Model : **HY10** (100mm Dial, Dry Case) **LFHY10** (100mm Dial, Liquid Filled Case)
HY15 (150mm Dial, Dry Case) **LFHY15** (150mm Dial, Liquid Filled Case)

Ordering Information

MODEL



BASIC MODEL CODE
HY10 100mm Dial, Dry Case
LFHY10 100mm Dial, Liquid Filled Case
HY15 150mm Dial, Dry Case
LFHY15 150mm Dial, Liquid Filled Case

MOUNTING
V Bottom Entry, Local Mounting
C Back Entry, Local Mounting

FILLING FLUID
DC2 Silicone Oil DC-200
GLY Glycerine
VGO Food grade oil
Others XXX (Please Specify)

CASE
S4S SS 304
S6S SS 316

DIAPHRAGM
S6S SS 316
S6L SS 316L

WETTED PARTS
S6S SS 316
S6L SS 316L

MOVEMENT
S4S SS 304
S6S SS 316

CONNECTION					
Type	Code	Size	Code	Type	Code
Hygiene	H	1"	25	IDF Fitting	IDF
Hygiene	H	1-1/2"	40	SMS Union	SMU
Hygiene	H	2"	50	Tri-clover	TCL

e.g. For 1" Tri-clover, Code: **H25TCL**

OPTION
A05 Accurcay $\pm 0.5\%$ FSD
BOB Blow out disc at back
BSN Built In Snubber
CLB Colour Band
CEM CE marking
DC2 Silicone Oil filled Case
DUS Dual Scale
EXZ External Knob for Zero Adjustment
GLY Glycerine filled Case
VCP Vacuum Protection
IDC IDF male coupling with gasket
SMC SMS male coupling with gasket
TCC Tri-clover clamp with gasket
L Nil
ACC Accessory
XXX Other

UNIT
KSC kg/cm²(g)
BAR bar(g)
PSI psi(g)
KPA kPa(g)
MPA MPa(g)
MBR mbar(g)
MMW mm WC(g)
CMW cm WC(g)
MWC m WC(g)
INW inch WC(g)
MMH mm Hg(g)
CMH cm Hg(g)
INH inch Hg(g)
XXX Other (Please specify)

RANGE
 Please select from Table

Sample Model Code: **LFHY10-V-VGO-S4S-S6S-S6S-S4S-H40TCL-(0-10)-BAR-GLY**