

## Hygiene Gauges -100mm & 150mm Dial

**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/cm<sup>2</sup>, 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

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

### Ranges

Gauge	bar, kg/cm <sup>2</sup>	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

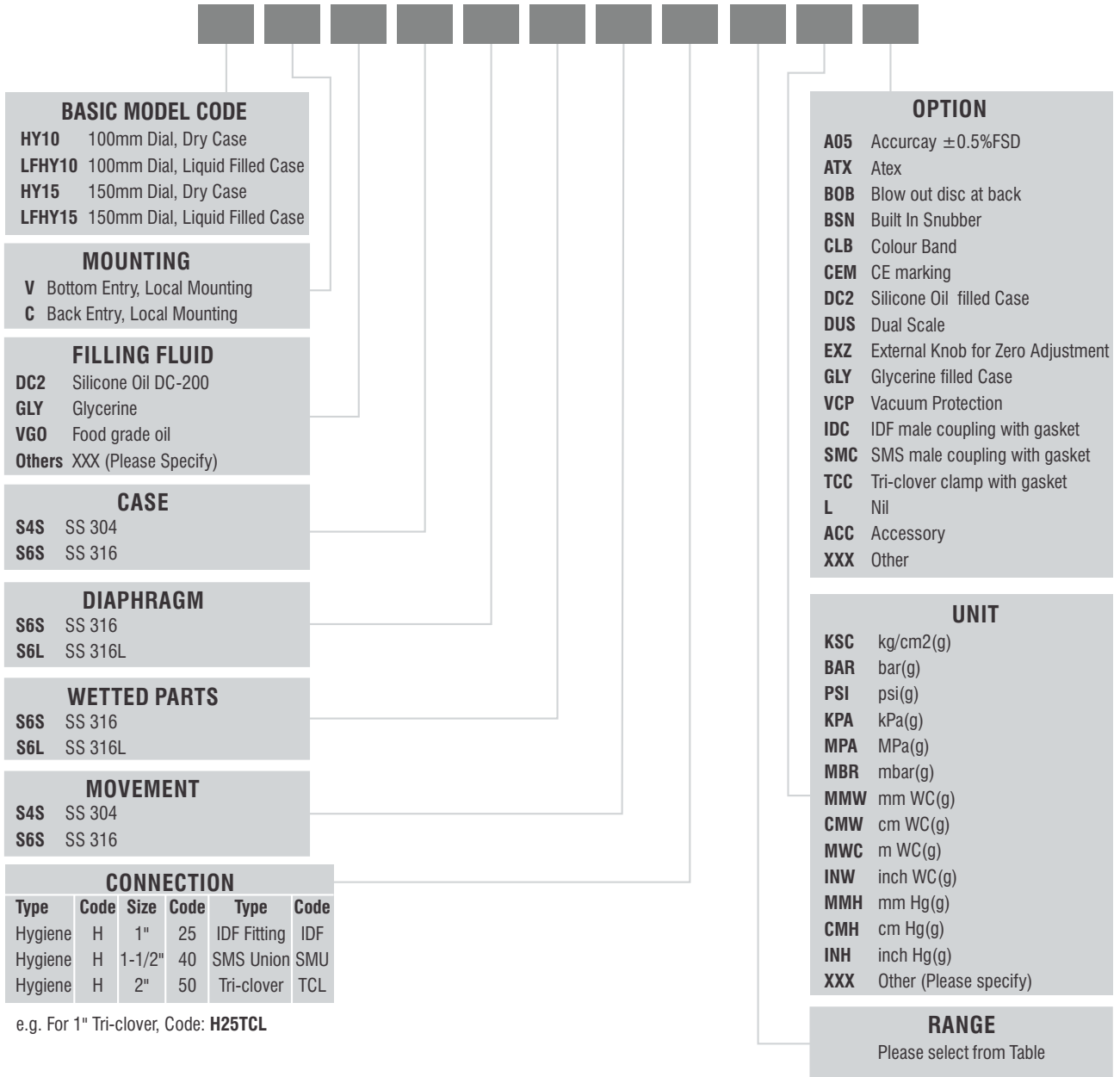
\* Range 0 to 4 and (-)1 to 3 are available in 2" connection only

The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement.

Under Technical Collaboration with M/s. Gauges Bourdon, France

# 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  
**ATX** Atex  
**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/cm<sup>2</sup>(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**