

# 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

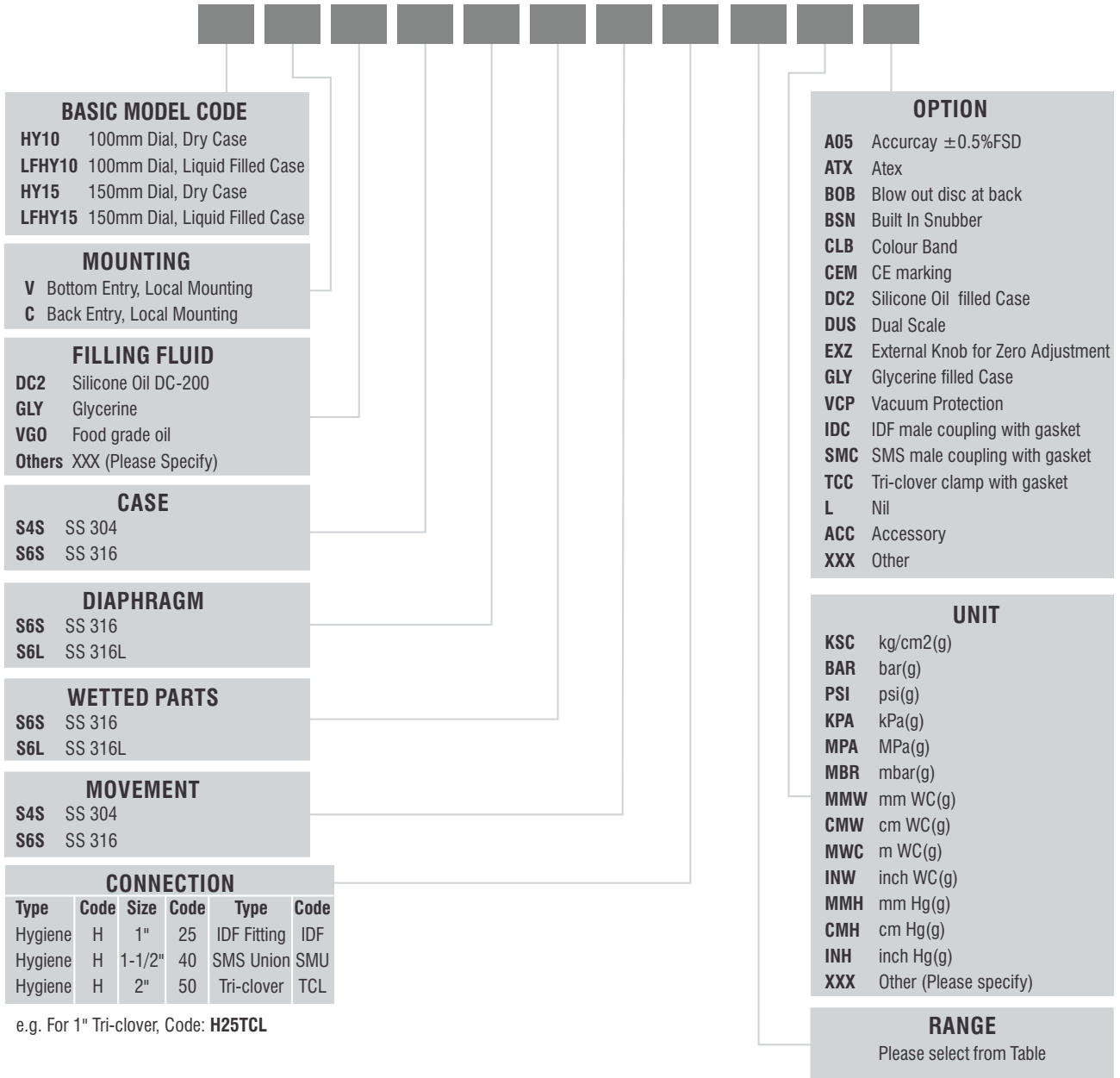
\* Range 0 to 4 and (-)1 to 3 are available in 2" connection only

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



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