

# Hygiene Gauges

**MODEL : HYG (Dry Case)  
LFHYG (Liquid Filled Case)**

## Features

- Designed for pressure measurement in sanitary application
- Designed compliance to International Dairy Federation
- Compliance to latest EN-837 standard
- Range : (-) 1 to 40 kg/cm<sup>2</sup>
- Accuracy ± 1% FSD (Standard), ± 0.5% FSD on request
- Unit of measurement - kg/cm<sup>2</sup>, bar, PSI, kPa
- Micrometer pointer

Hygiene gauges are 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>Movement</b>	SS304 / SS316
<b>Range</b>	Minimum (-)1 to 3 kg/cm <sup>2</sup> , Maximum 0 - 40 kg/cm <sup>2</sup>
<b>Connection</b>	Triclover / SMS union / IDF fitting
<b>Filling Fluid</b>	Silicon oil / Glycerine / Food grade oil
<b>Accuracy</b>	± 1% FSD (0.5% FSD on request)
<b>Over range</b>	As per EN 837
<b>Suitability</b>	(-) 20°C to 80°C (service temperature)
<b>Zero adjustment</b>	Micrometer Pointer
<b>Blow out disc</b>	Provided (on top)
<b>Optional</b>	NACE compliance External Knob for zero setting Glycerine filled case Triclover clamp Male Coupling SMS Male Coupling IDF Gasket

**Table 4**

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 (-) to 3 are available in 2" connection only

# Ordering Information

## MODEL : HYG / LFHYG



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

**DIAL**  
 10 - 100 mm  
 15 - 150 mm

**CASE**  
 S4 SS304  
 S6 SS316

**MOVEMENT**  
 4 SS304  
 6 SS316

**PROCESS CONNECTION**

SIZE	CODE	TYPE	CODE
1"	25	Triclover	TC
1-1/2"	40	SMS Union	SM
2"	50	IDF Union	ID

**FILLING FLUID**  
 G Glycerine  
 S Silicon oil  
 V Food grade oil  
 X Any other

**OPTION**  
 A +/- 0.5% Accuracy  
 C Colour band  
 CE CE Certificate  
 D Dual Scale  
 E External Zero reset  
 G Glycerine Filled Case  
 I Male Coupling IDF  
 S Male Coupling SMS  
 T Triclover Clamp  
 L Nil  
 N NACE  
 O O<sub>2</sub> Cleaning  
 R 150% over range

**UNIT**  
 A kg/cm<sup>2</sup>(g)  
 B Bar(g)  
 C PSI(g)  
 D kPa(g)  
 H MPa(g)  
 X Please Specify

**RANGE**  
 Refer Table 4

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