

# REFLEX LEVEL GAUGE



## SIDE PMOUNTED

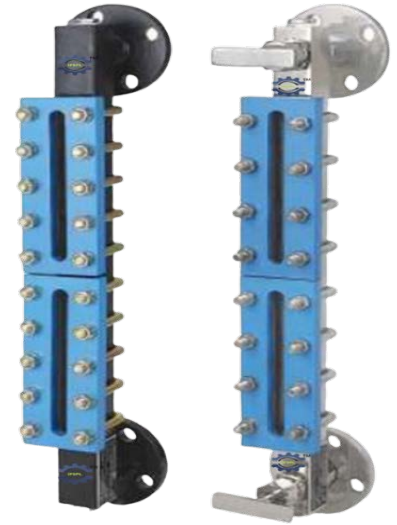
IPS-LG-02

### SPECIAL FEATURES

- HYDRO TESTED UP TO 150 % (Max. 65 kg/cm<sup>2</sup>)
- SIMPLE & RUGGED DESIGN
- EASY FOR INSTALLATION & MAINTENANCE
- STAINLESS STEEL VERSION (OPTIONAL)
- HIGH PRESSURE VERSION (OPTIONAL)

### APPLICATIONS

- CHEMICAL & PROCESS INDUSTRIES
- POWER INDUSTRIES
- FOR CLEAR LIQUIDS IN PRESSURIZED CHAMBER OR BOILER DRUM



### SPECIFICATIONS STANDARD VERSION :

Mounting	:	Side
Body Material	:	Carbon Steel
C. C. Distance (±3 mm)	:	350 mm
Process Connection	:	1" 150 # Flanged
Scale	:	Aluminum
Drain & Vent	:	½" NPT (M) Plugs
Auto shut off Ball Valve	:	Screwed Bonnet type
Gaskets	:	Compressed Asbestos Fibre (CAF)
Sight Glass	:	Toughened Glass
Maximum Process Temperature	:	Up to 120°C
Operating Pressure	:	20 kg/cm <sup>2</sup>

### HOW TO ORDER

#### BASIC MODEL

IPS-LG-02

#### BODY MATERIAL

C Carbon Steel (Standard)    S AISI 304 SS    T AISI 316 SS

#### MATERIAL OF COVER PLATES

C Carbon Steel (Standard)    S AISI 304 SS    T AISI 316 SS

#### SIGHT GLASS

B BOROSILICATE GLASS (Standard) (Operating Pressure 20 kg/cm<sup>2</sup> & Temperature up to 120°C)

X ILMADUR (Operating Pressure 35 kg/cm<sup>2</sup> & Temperature up to 240°C)

K KLINGER (Operating Pressure 65 kg/cm<sup>2</sup> & Temperature up to 400°C)

#### GASKET

F CAF (Standard)                      G GRAPHOIL                      P PTFE

X

X

X

X



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CIN : U52399MH2021PTC368555

## PROCESS CONNECTION

Flanged Connections(As per ANSI B 16.5)

<b>4NM</b> 1/2" NPT (M)	<b>B09</b> 1/2" 150# RF	<b>B21</b> 1" 150# RF (Standard)	<b>B39</b> 2" 150# RF
<b>4NF</b> 1/2" NPT (F)	<b>B10</b> 1/2" 300# RF	<b>B22</b> 1" 300# RF	<b>B40</b> 2" 300# RF
<b>5NM</b> 3/4" NPT (M)	<b>B11</b> 1/2" 600# RF	<b>B23</b> 1" 600# RF	<b>B41</b> 2" 600# RF
<b>5NF</b> 3/4" NPT (F)	<b>B15</b> 3/4" 150# RF	<b>B33</b> 1 1/2" 150# RF	<b>B51</b> 3" 150# RF
<b>6NM</b> 1" NPT (M)	<b>B16</b> 3/4" 300# RF	<b>B34</b> 1 1/2" 300# RF	<b>B52</b> 3" 300# RF
<b>6NF</b> 1" NPT (F)	<b>B17</b> 3/4" 600# RF	<b>B35</b> 1 1/2" 600# RF	<b>B53</b> 3" 600# RF

## TOP SIDE VENT

Flanged Connections(As per ANSI B 16.5)

<b>1</b> PLUG - 1/2" NPT (M) (Standard)	<b>B09</b> 1/2" 150# RF	<b>B21</b> 1" 150# RF	<b>B39</b> 2" 150# RF
<b>2</b> PLUG - 3/4" NPT (M)	<b>B10</b> 1/2" 300# RF	<b>B22</b> 1" 300# RF	<b>B40</b> 2" 300# RF
<b>3</b> PLUG - 1" NPT (M)	<b>B11</b> 1/2" 600# RF	<b>B23</b> 1" 600# RF	<b>B41</b> 2" 600# RF
<b>4</b> NEEDLE VALVE - 1/2" NPT (F)	<b>B15</b> 3/4" 150# RF	<b>B33</b> 1 1/2" 150# RF	<b>B51</b> 3" 150# RF
<b>5</b> BALL VALVE - 1/2" NPT (F)	<b>B16</b> 3/4" 300# RF	<b>B34</b> 1 1/2" 300# RF	<b>B52</b> 3" 300# RF
	<b>B17</b> 3/4" 600# RF	<b>B35</b> 1 1/2" 600# RF	<b>B53</b> 3" 600# RF

## BOTTOM SIDE DRAIN

Flanged Connections(As per ANSI B 16.5)

<b>1</b> PLUG - 1/2" NPT (M)(Standard)	<b>B09</b> 1/2" 150# RF	<b>B21</b> 1" 150# RF	<b>B39</b> 2" 150# RF
<b>2</b> PLUG - 3/4" NPT (M)	<b>B10</b> 1/2" 300# RF	<b>B22</b> 1" 300# RF	<b>B40</b> 2" 300# RF
<b>3</b> PLUG - 1" NPT (M)	<b>B11</b> 1/2" 600# RF	<b>B23</b> 1" 600# RF	<b>B41</b> 2" 600# RF
<b>4</b> NEEDLE VALVE - 1/2" NPT (F)	<b>B15</b> 3/4" 150# RF	<b>B33</b> 1 1/2" 150# RF	<b>B51</b> 3" 150# RF
<b>5</b> BALL VALVE - 1/2" NPT (F)	<b>B16</b> 3/4" 300# RF	<b>B34</b> 1 1/2" 300# RF	<b>B52</b> 3" 300# RF
	<b>B17</b> 3/4" 600# RF	<b>B35</b> 1 1/2" 600# RF	<b>B53</b> 3" 600# RF

## MATERIAL OF SCALE

**A** ALUMINUM (Standard)      **S** AISI 304 SS

## CENTER TO CENTER DISTANCE

Please specify in mm (e.g. 800 for 800 mm Center to Center Distance)  
(This gauge will be supplied from 350 mm to 3500 mm)

## OPTIONS

**BB** BALL VALVE - BOIRED BONNETTYPE

## Ordering Example: LE - X - X - X - X - XXX - X OR XXX - X OR XXX - X - 800 mm - XX

(Note 1 : Available length shall be less by 100 mm to 150 mm than Center to Center Distance.)

(Note 2 : MOC of Nut & Bolt shall be 304 SS if the body material option is not selected)

XXX

X  
OR  
XXX

X  
OR  
XXX

X

800 mm

XX

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing.  
Modifications may take place and materials specified may be replaced by others without prior notice.

Due to continuous development of our products technical information's are subject to change.

Please ensure the compatibility between the measured medium and the contacting part of the product when placing an order.

IPSPL reserves the right to make any change in this datasheet without notice. The information provided is believed to be accurate and reliable as of this product sheet.  
Contact factory for custom configurations not shown

