

Load Gauges

EL Series

Specifications:

Dial Size

6" (150mm), 10" (250mm)

Accuracy

±1% F.S.D.

Ranges / Scales

In Tons, KN (upto equivalent Pressure of 1000 kg/cm²)

Case & Ring

SS304 Case and Ring IP65

Socket (Block)

SS316

Bourdon Tube

Material:SS316

'C' Shaped Tube upto 70 Bar

Coil Shaped Tube Above 70 Bar

Movement

SS304

Window Gasket

EPDM

Blow Off Disc

Neoprene

Joints

Argon Welded

Window

Plexiglass (Standard) or Safety Glass

Pointer

'O' Adjustment Pointer / Micrometer

Connections

½" BSP/NPT

OverPressure Limit

1.3 times of Full Scale Pressure

Mounting

Bottom Direct, Bottom Surface, Back Direct, Back Panel, Back Clamp

Operating Temperature

Note 1

Ambient Temp: -40° F to 140° F (-40° to 60° C)

Media: max 212° F (+100°C)



Options:

Glycerin Filling

Toughened Glass /Safety Glass/ShatterProof Glass etc.

Customized Dials - scales, ranges, OEM logos

Cleaning for Oxygen Application

How to Order / Inquire

Please advise the below

- 1) dial size
- 2) connection
- 3) mounting
- 4) pressure range
- 5) application media
- 6) RAM AREA or RAM DIA & LOAD in kg or ton or kN

Note 1: Temperature Ranges for Liquid Filled Gauges

Glycerine: -4°F to 140°F (-20°C to 60°C)

Silicone: -40°F to 140°F (-40°C to 60°C)

Range Selection

Dual Scale TON or KN

Range in kg/cm ²	Least Count	Range in kg/cm ²	Least Count	Vacuum/Compound Range in kg/cm ²	Least Count
0-1	0.02	0-40	1	-1x0	0.2
0-1.6	0.04	0-60	1	-1x1.5	0.05
0-2.5	0.05	0-100	2	-1x3	0.1
0-4	0.1	0-160	4	-1x5	0.1
0-6	0.1	0-250	5	-1x9	0.2
0-10	0.2	0-400	10	-1x15	0.4
0-16	0.4	0-600	10	-1x24	0.5
0-25	0.5				

Mounting Information

