

## Diaphragm Barrier Seal - With Hygienic Type Process Connection

Tri-Clamp, IDF, RJT, DIN, SMS & Homogenizer



### Application

These seals are combined for use with pressure gauges or transmitters, and are intended for use with hygienic processes in the pharmaceutical and food industries

### Pressure Rating

40bar maximum, depending upon pressure rating of connection. Homogenizer 600 bar

### Standard Pressure Gauge

100mm all Stainless Steel construction with acrylic window

Ranges: - 0-6, 0-10, 0-16, 0-25 & 0-40 bar

Homogenizer gauge ranges:- 0-250, 0-400 & 0-600 bar

### Standard specifications

#### Body

Stainless Steel 316L

#### Diaphragm

Stainless Steel 316L

Electron Beam Welded – Helium leak tested.

#### Process connection

IDF female union nut

RJT female union nut

DIN union nut

SMS female union nut

Tri-clamp

Homogenizer

#### Sealing rings

EPDM

#### Filling liquid

Glycerine/water mixture, food compatible

#### Operating temperatures

-10 Celsius to +120 Celsius

### Optional Specifications

#### Gauge

150mm case, Dual scales

Glycerine Filled head

#### Electrical Contacts

Single or dual

#### Process connection

Male thread instead of female Union nut

Clamp supplied as extra

Block supplied as extra

#### Sealing rings

Viton or Nitrile

#### Filling liquid

Special filling liquids available –

To suit process conditions

#### Operating temperatures

-10 Celsius to +200 Celsius

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### SEAL IDENTIFICATION ASSISTANT

