

# SCHAFFER DIAPHRAGM



Schaffer Diaphragm gauges are designed for many applications and are an accepted standard throughout the industry. The more common uses are for tank content, reading of low pressures on a wet medium where a capsule gauge is unsuitable or on mediums that contain solids which would block a normal bourdon tube gauge. Suitable for working temperatures up to 60 deg C.

**RANGES:** From 2.5kPa up to 2500 kPa  
Vacuum -2.5 kPa up to -100 kPa

**MOUNTING:** Bottom entry, Direct or Surface mount (with “L” bracket)

**DIAL SIZES:** 100mm or 160mm    **CASE & BEZEL:** 304 stainless steel

**MOVEMENT:** Stainless steel

**BOTTOM CHAMBER:** Standard is 316 stainless steel with a diameter of 160mm with ranges below 40 kPa and 100mm diameter above 40 kPa. For Chlorine service 316 stainless steel bottom chamber PTFE lined or Nickel plated bottom chamber.

**CONNECTION:** Standard 1/2” BSPT or 1/2” NPT male but can be offered with larger threads including Female and also special flanged connections.

**DIAPHRAGM:** 316 Stainless steel from 2.5 kPa up to 250 kPa  
Cold galvanized spring steel PTFE protected above 250 kPa up to 2500 kPa  
Silver plated or PTFE protected for chlorine service

**OPTIONS:** **Dividing Ring-** For cleaning purposes  
**Overload Protection-** Normally 25% of FSD but can be offered up to several times the range  
**Electrical Contacts-** Single or double modes magnetically assisted

Model	Range kPa	Diameter	Application
202	2.5 < 40	100mm	General
204	41 < 2500	100mm	General
206	2.5 < 40	160mm	General
208	41 < 2500	160mm	General
250	2.5 < 40	100mm	Chlorine Only
251	41 < 2500	100mm	Chlorine Only
252	2.5 < 40	160mm	Chlorine Only
253	41 < 2500	160mm	Chlorine Only



Chlorine Gauge