



**Application :** Steam Equipment's High pressure reducer is designed for high pressure boiler sampling lines above 35 Kg/Cm<sup>2</sup> with inlet pressure upto 375 Kg/Cm<sup>2</sup> and outlet pressure totally adjustable

These type of pressure reducers are recommended by ASME 19.11-1997 steam and water sampling, conditioning & analysis in power cycle.

These Pressure reducers are used in

- Steam & Water Analysis Systems,
- Boiler water Blowdown systems,
- Grab Sampling systems, etc.

### Maintenance Benefits

- No Spring or diaphragms used
- No valve plug, or Valves Seat
- NO FILTERS REQUIRED,
- Maintenance free.
- ON-LINE Cleaning (In-Situ) by retracting the rods without disconnecting the sample line

### Features

- Rod-In-Tube Design
- Designed for High Pr. upto 400 Bar
- Design Temperature : 350°C (550°Optional)
- Outlet pressure 1 to 20 Kg/cm<sup>2</sup> Adj.
- Higher Flow rate
- Designed in accordance with **ASME-PTC 19.11 recommendations**

### Specifications

Type	• Rod-In-Tube Type
Body Material	• Stainless Steel – 316
Tapered Rod Material & wetted parts	• Stainless Steel – 316
Inlet pressure	• 250 Kg/Cm <sup>2</sup>
Outlet Pressure	• Totally adjustable
Operating Temperature	• 350°C
Sample flow rate	• 100 LPH
Setting	• Externally Adjustable by rotating Handle
Mounting	• Surface
End connections	• ¼ " OD (Std)
Weight	• 1.7 Kgs approx

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