

Tubular Gauge Valves – Stainless Steel

Features

- ◆ Sizes 1/2" NPT up to 2" Flanged
- ◆ Auto Ball Checks
- ◆ For Glass Tube or Shielded Gauges

Ratings

- ◆ **Pressure Ratings** are subject to the limitations of the gauge glass
- ◆ **Temperature Ratings** are subject to the limitations of the packing

Materials

- ◆ Body: 316 Stainless Steel
- ◆ Glass Packing: Teflon
- ◆ Stem Packing : Graphite Composite
- ◆ Stem Packing for 436: Teflon/Hypolon

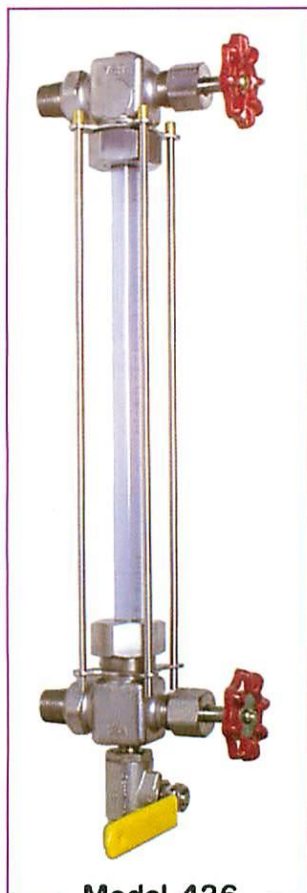
A Special Note about Corrosion:

- ❑ Excessive corrosion may result in leakage, glass breakage, and premature valve failure.
- ❑ Be sure all wetted components of the gauge are constructed with materials compatible with the service medium. John C. Ernst Co. does not make chemical compatibility recommendations.
- ❑ See the "Compass Corrosion Guide" or equivalent for material compatibility.

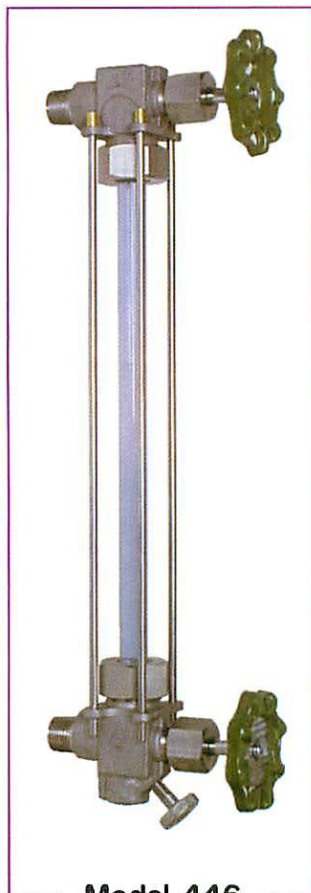
Model 454 has an integral bonnet and stem seat.
Model 456 has a union bonnet for stem seat replacement.

| Model | Size NPT | Glass OD | Glass Length from Centers | Rod Length from Centers |
|--------|----------|----------|---------------------------|-------------------------|
| 436-04 | 1/2" | 5/8" | - 2" | - 1" |
| 436-05 | 3/4" | 3/4" | - 2" | - 1" |
| 446-04 | 1/2" | 5/8" | - 2" | - 1" |
| 446-05 | 3/4" | 3/4" | - 2" | - 1" |
| 455-04 | 1/2" | 5/8" | - 1-3/4" | - 2-1/4" |
| 455-05 | 3/4" | 3/4" | - 1-3/4" | - 2-1/4" |
| 455-06 | 1" | 3/4" | - 1-3/4" | - 2-1/4" |
| 457-04 | 1/2" | 5/8" | - 1-3/4" | - 2-1/4" |
| 457-05 | 3/4" | 3/4" | - 1-3/4" | - 2-1/4" |
| 457-06 | 1" | 3/4" | - 1-3/4" | - 2-1/4" |

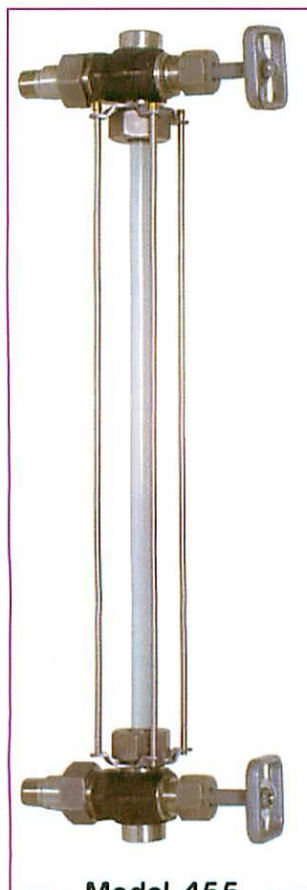
| Model | Maximum Liquid Pressure @ Temp PSIG / °F | Steam Service PSIG | Auto Ball Checks |
|-------|--|--------------------|------------------|
| 436 | 500/100°F to 500/425°F | 500 | ASME |
| 446 | 500/100°F to 500/425°F | 500 | Yes |
| 455 | 600/100°F to 345/400°F | 345 | Yes |
| 457 | 600/100°F to 345/400°F | 345 | Yes |



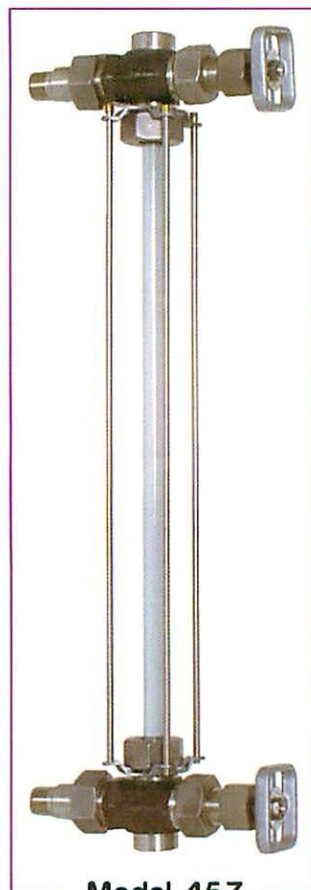
Model 436



Model 446



Model 455



Model 457

LIQUID LEVEL GAUGES