



# BP57



## Injection Rate Gauge



### Product Details

The easiest and most effective way to measure chemical pump injection rates is with a chemical injection rate gauge. Injection rates can be measured in Litres or Quarts per 24 hours by measuring the number of divisions injected per minute.

### Highlights

- Aluminum construction for corrosion resistance and lightweight.
- All wetted metal components are of stainless steel construction standard.
- Teflon seals standard (other seal material available).
- Chemical Resistant Borosilicate Glass.
- Easily visible dual injection rate scale in Litres per day and Quarts per day.
- ½" MNPT & ¼" FNPT dual threaded process end connections.
- Sight Glass protected on three sides with aluminum enclosure and impact resistance polycarbonate shield on the front.
- Patent Pending design protects Sight Glass from breakage due to torsional loading, allows 360 degree setting of viewing plane.
- Retractable Mounting Bracket, adjustable Sight Level Marker and floating Indicator Ball for fluid level indication included.
- Available in a variety of lengths (1ft, 2ft, and 4ft standard). Consult factory for custom lengths.

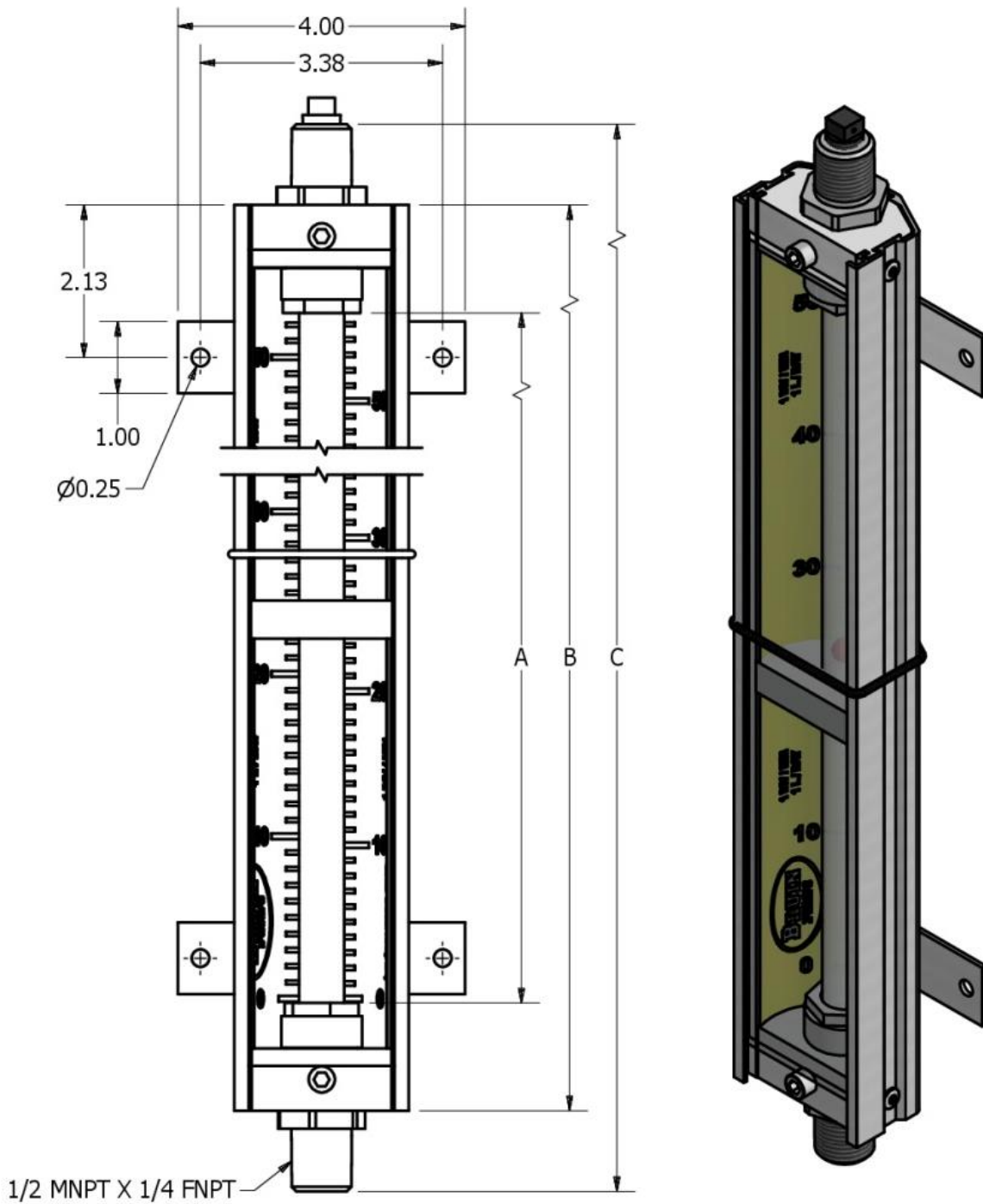
### How to Determine and Set Injection Rate

1. Isolate the supply/storage tank from the pump with a valve.
2. With the pump supply coming solely from the gauge, observe the change in fluid height after one minute. Count the number of divisions pumped on the rate scale during the one minute test, this will give you the actual chemical injection rate over a 24 hour period.

**Example:** 1 Division per Minute = 1 Litre per Day (24 Hours).

3. Adjust the injection rate by making the necessary adjustments to the pump stroke rate and/or stroke length. Perform as many one minute tests as necessary to set the pump to the desired chemical injection rate.

**Note:** Test length can be shortened to 30 seconds or 15 seconds for higher pump rates, or lengthened to 2 minutes for lower pump rates if necessary, as long as the recorded values are adjusted to match a one minute duration.



All Dimensions are in Inches.

	Visible Gauge Length	Body Length	Overall Length
	A	B = (A + 3")	C = (A + 5.25")
1'	12"	15"	17.25"
2'	24"	27"	29.25"
4'	48"	51"	53.25"

Consult factory for custom lengths.