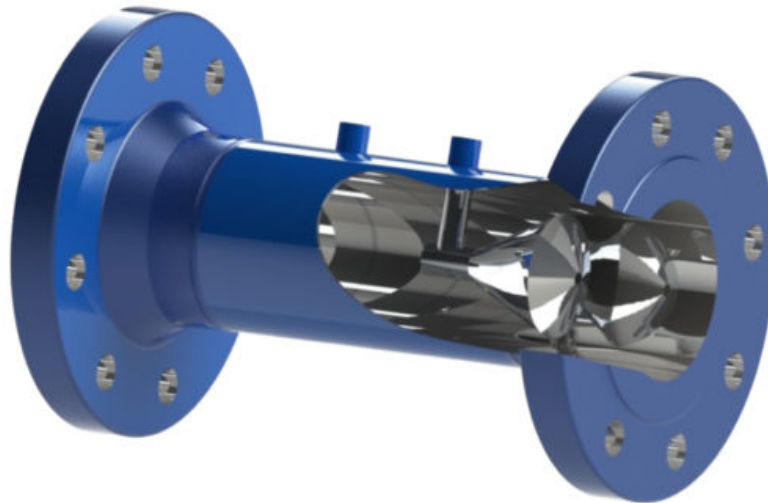
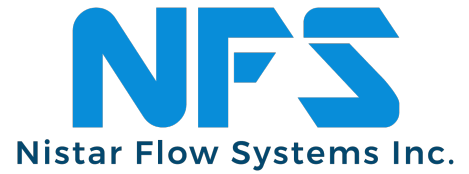


Nistar – Cone Meters



Accuracy: $\pm 0.75\%$ uncalibrated, $\pm 0.50\%$ calibrated

Repeatability: $\pm 0.1\%$ of rate

Process temperature: Up to 1100 °F

Pressure Rating: Up to 1500psi

Minimum Reynolds Number: $>50,000$ Rd

Permanent Pressure Loss: 30% to 60%

Turn Down Ratio (TDR): Typical 10 to 1

Maximum Viscosity: 100 cP

Suitable for pipes from: $\frac{1}{2}$ " to 24"

Integral transmitter Mount 3 or 5 valve manifold

End connections:

Wafer (up to 4") Facing for ANSI and RTJ Flanges

Flanged ANSI Class 150# to 600#

Threaded or HUB

Flow tests traceable to NIST available and when performed within the Reynolds Number range of the process allow for accuracies of $\pm 0.5\%$ (Minimum Reynolds Number is 8000)

Cone acts as flow conditioner, reshapes the flow profile

0-1D Upstream/0.5D Downstream

Typically recommended in Steam, gas, and low viscosity liquids

Higher with Stacked Tx

