The Series CIF Combustion Flowmeters are tough, simple and accurate meters for low pressure, low-density gas measurement. They have a verifiable accuracy of ±2% for combustion gases, annealing atmospheres, vacuum flows, digesters and gas mixing. They can be disassembled quickly without the meter being removed from the pipeline for easy cleaning. Series CIF Combustion Flowmeters are extremely robust constructed of nickel plated steel or optional stainless steel with maximum pressure ratings of 150 psig (10.34 bar) and temperature ratings of 600°F (315°C).

**SPECIFICATIONS**

**Service:** Compatible gases.

**Wetted Materials:** CIFN: Nickel plated steel body, 18-8 SS, Buna-N O-rings, polysulfone sight tube; CIFS: 18-8 SS, Buna-N O-rings, 18-8 SS sight tube.

**Temperature Limits:** 600°F (315°C).

**Pressure Limits:** 150 psig (10 bar).

**Maximum Pressure Drop:** 2 in w.c. (500 Pa).

**Accuracy:** ±2% of reading for dry air at 14.7 psig (1 bar), 70°F (21°C).

**Repeatability:** ±1/4% of indicated flow rate.

**Process Connections:** 3/4˝ and 2˝ female NPT, optional 3˝ and 4˝ female NPT.

**Weight:** 8 lb (6.4 kg) for 3/4˝ and 25 lb (11.4 kg) for 2˝.

* For optional 3˝ and 4˝ connections ranging up to 30,000 SCFH, flange connections, and metric scales (liters/minute), contact the factory.