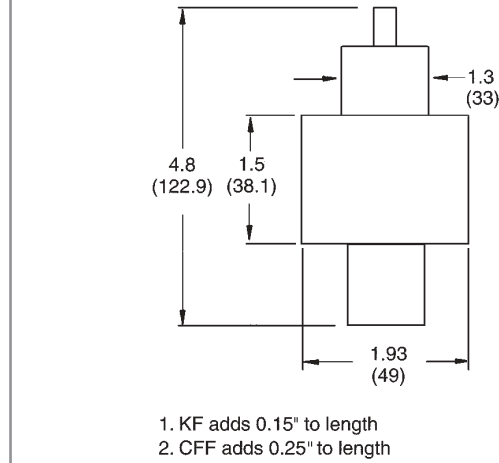


525 Cold Cathode Ionization Gauge Tube (non-bakeable)



Outline Drawing



Dimensions: inches (millimeters)

The 525 Cold Cathode Ionization Gauge Tube measures pressures from 1×10^{-8} to 1×10^{-2} Torr (1×10^{-8} to 1×10^{-2} mbar) and has excellent repeatability, accuracy, and reliability. Sudden exposures to atmospheric pressure will not cause any damage.

Similar in configuration to the magnetron tube, the 525 starts at very low pressures where ordinary cold cathode gauges are difficult to start.

Technical Specifications

Response Time

Full scale to half scale pressure change: less than one second

Range

1×10^{-8} torr to 1×10^{-2} torr
(1×10^{-8} mbar to 10^{-2} mbar)

Bakeability

100 °C

Materials

Aluminum cathode, stainless steel shell, glass

Recommended Controllers

860 and 860-2, Multi-gauge, and senTorr Gauge Controllers

Ordering Information

Description	Part Number	Fitting	Shipping Weight lbs. (kg)
525 Cold Cathode Gauge Tube	K9234301	1 in. tubulation	2.0 (1.0)
	K9234311	NW25 KF flange	2.0 (1.0)
	K9234302	NW40 KF flange	2.0 (1.0)
	K9234303	2.75 CF	2.0 (1.0)
	K9440301		2.0 (1.0)
525 Gauge tube maintenance kit	K9440301		2.0 (1.0)