

VACUUM GAUGES

Ion Gauge Tubes

UNCOATED - STANDARD RANGE - IRIIDIUM FILAMENT

OPERATING PRESSURE: 2×10^{-10} TO 1×10^{-3} TORR SENSITIVITY: 10/TORR X-RAY LIMIT: 2×10^{-10} TORR

DUNIWAY PART #	DESCRIPTION	PRICE
I-075-N	Uncoated Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Schott Glass Port	\$126.00
I-075-P	Uncoated Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Pyrex Glass Port	130.00
I-075-K	Uncoated Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Kovar Port	136.00
I-100-N	Uncoated Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Schott Glass Port	131.00
I-100-P	Uncoated Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Pyrex Glass Port	135.00
I-100-K	Uncoated Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Kovar Port	139.00
I-CFF-133	Uncoated Glass Ion Gauge Tube, Iridium Filament, 1.33" CFF Flanged Port	178.00
I-CFF-275	Uncoated Glass Ion Gauge Tube, Iridium Filament, 2.75" CFF Flanged Port	176.00
I-KF25	Uncoated Glass Ion Gauge Tube, Iridium Filament, KF25 Flanged Port	178.00
I-KF40	Uncoated Glass Ion Gauge Tube, Iridium Filament, KF40 Flanged Port	178.00



Uncoated Standard Range Iridium – **I-075-N**

PT COATED - STANDARD RANGE - IRIIDIUM FILAMENT

OPERATING PRESSURE: 2×10^{-10} TO 1×10^{-3} TORR SENSITIVITY: 10/TORR X-RAY LIMIT: 2×10^{-10} TORR

DUNIWAY PART #	DESCRIPTION	PRICE
I-075-NC	Coated Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Schott Glass Port	\$147.00
I-075-KC	Coated Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Kovar Port	152.00
I-100-NC	Coated Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Schott Glass Port	147.00
I-100-KC	Coated Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Kovar Port	152.00
IC-CFF-275	Coated Glass Ion Gauge Tube, Iridium Filament, 2.75" CFF Flanged Port	205.00



Coated Standard Range Iridium – **I-075-NC**

UNCOATED - STANDARD RANGE - TUNGSTEN FILAMENT

OPERATING PRESSURE: 2×10^{-10} TO 1×10^{-3} TORR SENSITIVITY: 10/TORR X-RAY LIMIT: 2×10^{-10} TORR

DUNIWAY PART #	DESCRIPTION	PRICE
T-075-N	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 0.75" Diameter Schott Glass Port	\$121.00
T-075-P	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 0.75" Diameter Pyrex Glass Port	124.00
T-075-K	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 0.75" Diameter Kovar Port	131.00
T-100-N	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 1.0" Diameter Schott Glass Port	121.00
T-100-P	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 1.0" Diameter Pyrex Glass Port	124.00
T-100-K	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 1.0" Diameter Kovar Port	131.00
T-CFF-133	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 1.33" CFF Flanged Port	178.00
T-CFF-275	Uncoated Glass Ion Gauge Tube, Tungsten Filament, 2.75" CFF Flanged Port	168.00
T-KF25	Uncoated Glass Ion Gauge Tube, Tungsten Filament, KF25 Flanged Port	174.00
T-KF40	Uncoated Glass Ion Gauge Tube, Tungsten Filament, KF40 Flanged Port	174.00



Uncoated Standard Range Tungsten – **T-075-N**

For other manufacturers' equivalent part numbers, please see the table at the bottom of page 112.

VACUUM GAUGES

Ion Gauge Tubes

PT COATED - BROAD RANGE - IRIIDIUM FILAMENT

OPERATING PRESSURE: 4 X 10⁻¹⁰ TO 1 X 10⁻¹ TORR SENSITIVITY: 8/TORR X-RAY LIMIT: 4 X 10⁻¹⁰ TORR

DUNIWAY PART #	DESCRIPTION	PRICE
I-164-N	Coated Broad Range Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Schott Glass Port	\$163.00
I-164-K	Coated Broad Range Glass Ion Gauge Tube, Iridium Filament, 1.0" Diameter Kovar Port	180.00
I-164-275	Coated Broad Range Glass Ion Gauge Tube, Iridium Filament, 2.75" CFF Flanged Port	215.00
I-164-KF25	Coated Broad Range Glass Ion Gauge Tube, Iridium Filament, KF25 Flanged Port	215.00
I-164-KF40	Coated Broad Range Glass Ion Gauge Tube, Iridium Filament, KF40 Flanged Port	215.00



I-164-K

UNCOATED - STANDARD RANGE - IRIIDIUM FILAMENT - SEALED

SEALED BELOW 5 X 10⁻⁶ TORR SENSITIVITY: 10/TORR

DUNIWAY PART #	DESCRIPTION	PRICE
I-SLD-N	Uncoated Sealed Glass Ion Gauge Tube, Iridium Filament, 0.75" Diameter Schott Glass Port, Sealed	\$180.00



I-SLD-N

NOTE: This is not a vacuum standard. The sealed tube is very handy for comparing performance of control units and operating tubes in service. Pressure falls with long term operation (several hours) and pressure rises when grid is degassed.

HOT FILAMENT TRIODE TUBE

X-RAY LIMIT: 1 X 10⁻⁷ TORR

DUNIWAY PART #	DESCRIPTION	PRICE
T-071-N	Glass Hot Filament Triode Ion Gauge Tube, Tungsten Coated Filament, 0.709" Diameter Schott Glass Port	\$96.00
I-071-P	Uncoated Glass Hot Filament Triode Ion Gauge Tube, Iridium Filament, 0.709" Diameter, Pyrex Glass Port	114.00



T-071-N

GLASS ION GAUGES - EQUIVALENT PART NUMBERS

DUNIWAY PART #	VARIAN PART #	BROOKS-GP PART #	DUNIWAY PART #	VARIAN PART #	BROOKS-GP PART #
I-075-N	571-K2471304	NA	T-075-N	572-K7360303	NA
I-075-P	NA	274002	T-075-P	NA	274012
I-075-K	571-K2471305	274003	T-075-K	572-K7360304	274013
I-100-N	571-K2471301	NA	T-100-N	572-K7360301	NA
I-100-P	NA	274005	T-100-P	NA	274015
I-100-K	571-K2471302	274006	T-100-K	572-K7360302	274016
I-CFF-133	NA	274020	T-CFF-133	NA	274021
I-CFF-275	571-K2471303	274008	T-CFF-275	572-K7360307	274018
I-KF25	571-K2471306	274032	T-KF25	572-K7360305	NA
I-KF40	571-K2471311	NA	T-KF40	572-K7360306	NA
I-075-NC	563-K2466304	NA	I-164-N	0564-K2500-301	NA
I-075-KC	563-K2466305	NA	I-164-K	0564-K2500-302	303039
I-100-NC	563-K2466301	NA	I-164-275	0564-K2500-303	303041
I-100-KC	563-K2466302	NA	I-164-KF25	0564-K2500-310	NA
I-CFF-275	563-K2466303	NA	I-164-KF40	0564-K2500-311	NA
			I-SLD-N	0571-K2471-307	274031
			T-071-N	0507-89628-301	NA
			I-071-P	0538-89628-304	NA

See Page 116 for
Ion Gauge Cables