

VACUUM SENSORS

Nude Ion Gauge Vacuum Sensors, New

UHV



T-NUDE-F
(I-NUDE-F)

BAYARD-ALPERT TUBES



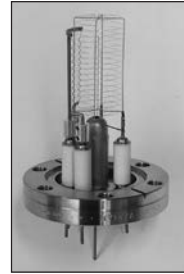
I-BAC-DI



I-NUDE-BAC
(T-NUDE-BAC)



LH-NUDE-40



VARIAN



I-580-275
(I-580-KF40)

TYPE I

TYPE II

TYPE III

TYPE IV

TYPE V

TYPE VI

NUDE ION GAUGES

DUNIWAY PART #	DESCRIPTION	PRICE
T-NUDE-F	Nude UHV Ion Gauge, Dual Tungsten Filament, Type I, 2.75" CFF, Sensitivity 25/Torr	\$370.00
I-NUDE F	Nude UHV Ion Gauge, Dual Iridium Filament, Type I, 2.75" CFF, Sensitivity 25/Torr	380.00
I-NUDE-BAC	Nude Bayard-Alpert Ion Gauge, Single Iridium Filament, Type III, 2.75" CFF, Sensitivity 10/torr	390.00
T-NUDE-BAC	Nude Bayard-Alpert Ion Gauge, Dual Tungsten Filament, Type III, 2.75" CFF, Sensitivity 10/torr	370.00
I-BAC-DI	Nude Bayard-Alpert Ion Gauge, Dual Iridium Filament, Type II, 2.75" CFF, Sensitivity 10/torr	390.00
LH-NUDE-40	Nude Bayard-Alpert Ion Gauge, Single Iridium Filament, Type IV, KF-40 Flange, Sensitivity 10/torr	240.00
I-580-275	Nude Bayard-Alpert Ion Gauge, Broad Range, Single Iridium Filament, Type VI, 2.75" CFF, Sensitivity 10/torr	390.00
I-580-KF40	Nude Bayard-Alpert Ion Gauge, Broad Range, Single Iridium Filament, Type VI, KF-40 Flange, Sensitivity 10/torr	390.00

Please contact Duniway Stockroom with cable connector questions.

NUDE ION GAUGES - EQUIVALENT PART NUMBERS

DUNIWAY PART #	VARIAN PART #	BROOKS-GP PART #	PERKIN ELMER PART #	LEYBOLD PART #
T-NUDE-F	971-5008	274022	605-7673	NA
I-NUDE-F	971-5007	274023	605-7672	NA
I-NUDE-BAC	NA	274028	NA	NA
I-BAC-DI	NA	NA	NA	NA
LH-NUDE-40	NA	NA	NA	16314
I-580-275	L5150302	NA	NA	NA
I-580-KF40	L5150303	NA	NA	NA

CONSTRUCTION DATA

DESCRIPTION	UHV	BAYARD ALPERT
Filament, Iridium	Dual	Single
Filament, Tungsten	Dual	Single
Grid	Moly Clad Pt	Tungsten
Collector	Tungsten	Tungsten
Length	3" Insertion	3" Insertion
Flange	2 3/4" OD CF	2 3/4" OD CF
Mounting	Any Position	Any Position

OPERATING DATA

DESCRIPTION	UHV	BAYARD ALPERT
Maximum Pressure, Torr	1 x 10 ⁻³	1 x 10 ⁻³
X-Ray Limit, Torr	2 x 10 ⁻¹¹	2 x 10 ⁻¹⁰
Sensitivity ± 20%	25/torr	10/torr
Emission	4 ma.	10 ma.
Filament Voltage	3-4.5 Volts	3-5 Volts
Filament Current	2-4 amps	4-6 amps
Filament Potential	+ 30 Volts	+ 30 Volts
Collector Potential	0 Volts	0 Volts
Grid Potential	+ 180 Volts	+ 180 Volts
Degas, Watts	30-40 by EB	70 by I ² R
Bakeout Temperature	450°C	450°C

See Page 118 for Nude Ion Gauge Rebuilding Service
and Page 119 for Ion Gauge Cables

www.duniway.com