

# VACUUM GAUGES

## Ion Gauge Tubes - Nude - New

UHV



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

TYPE I

BAYARD-ALPERT TUBES



**I-BAC-DI**

TYPE II



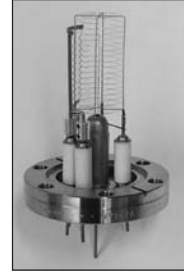
**I-NUDE-BAC**  
(T-NUDE-BAC)

TYPE III



**LH-NUDE-40**

TYPE IV



**VARIAN**

TYPE V



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

TYPE VI

### NUDE ION GAUGES

DUNIWAY PART #	DESCRIPTION	PRICE
<b>T-NUDE-F</b>	Nude UHV Ion Gauge, Dual Tungsten Filament, Type I, 2.75" CFF, Sensitivity 25/Torr	\$370.00
<b>I-NUDE F</b>	Nude UHV Ion Gauge, Dual Iridium Filament, Type I, 2.75" CFF, Sensitivity 25/Torr	380.00
<b>I-NUDE-BAC</b>	Nude Bayard-Alpert Ion Gauge, Single Iridium Filament, Type III, 2.75" CFF, Sensitivity 10/torr	390.00
<b>T-NUDE-BAC</b>	Nude Bayard-Alpert Ion Gauge, Dual Tungsten Filament, Type III, 2.75" CFF, Sensitivity 10/torr	370.00
<b>I-BAC-DI</b>	Nude Bayard-Alpert Ion Gauge, Dual Iridium Filament, Type II, 2.75" CFF, Sensitivity 10/torr	390.00
<b>LH-NUDE-40</b>	Nude Bayard-Alpert Ion Gauge, Single Iridium Filament, Type IV, KF-40 Flange, Sensitivity 10/torr	240.00
<b>I-580-275</b>	Nude Bayard-Alpert Ion Gauge, Broad Range, Dual Iridium Filament, Type VI, 2.75" CFF, Sensitivity 10/torr	390.00
<b>I-580-KF40</b>	Nude Bayard-Alpert Ion Gauge, Broad Range, Dual 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 #
<b>T-NUDE-F</b>	971-5008	274022	605-7673	NA
<b>I-NUDE-F</b>	971-5007	274023	605-7672	NA
<b>I-NUDE-BAC</b>	NA	274028	NA	NA
<b>I-BAC-DI</b>	NA	NA	NA	NA
<b>LH-NUDE-40</b>	NA	NA	NA	16314
<b>I-580-275</b>	L5150302	NA	NA	NA
<b>I-580-KF40</b>	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 <sup>-3</sup>	1 x 10 <sup>-3</sup>
X-Ray Limit, Torr	2 x 10 <sup>-11</sup>	2 x 10 <sup>-10</sup>
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 <sup>2</sup> R
Bakeout Temperature	450°C	450°C

See Page 115 for Nude Ion Gauge Rebuilding Service  
and Ion Gauge Cables

[www.duniway.com](http://www.duniway.com)

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VACUUM  
GAUGES