



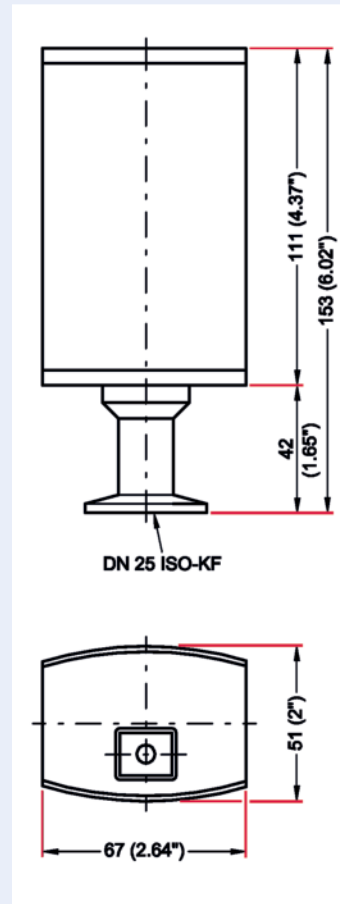


Illustration only

IMR 265, high-pressure hot cathode, DN 25 ISO-KF

- Flange size DN 25 ISO-KF
- The maximum pressure applies to inert gases and temperatures below 55 °C
- Two gauge heads (Pirani and hot cathode) in a single case
- High measurement accuracy
- Automatic cathode protection
- Corrosion resistant

Dimensions



IMR 265

Technical Data	IMR 265, high-pressure hot cathode, DN 25 ISO-KF
Output signal: Measuring range Pirani	8.5 – 9.75 V
Output signal: Measuring range hot cathode	1.5 – 7.5 V
Insulator	Glass
Measuring range	$2 \cdot 10^{-6} - 1 \cdot 10^3$ hPa
Materials in contact with media	Stainless steel
Flange, material	Stainless steel
Anode	130727
Ambient temperature	0 – 50 °C
Pirani measurement element	Copper Tungsten
Filament holder	Mo Pt
Temperature: Storage, max	+70 °C
Temperature: Storage, min	-20 °C
Measuring accuracy	15 % ($1 \cdot 10^{-5}$ hPa – $1 \cdot 10^0$ hPa)
Measuring method	Hot cathode process
Input voltage(s)	20 – 30 V DC
Volume	24 cm ³
Output signal: Minimum load	10 kΩ
Pressure max.	$5 \cdot 10^3$ hPa $3.75 \cdot 10^3$ Torr $5 \cdot 10^3$ mbar
Weight	285 g
Pressure max.	$5 \cdot 10^3$ hPa
Power consumption max.	16 W
Output signal: Minimum load	10 kΩ
Connection flange	DN 25 ISO-KF
Weight	285 g
Filament	Iridium coated with Y ₂ O ₃
Bakeout temperature max.(electronics removed)	150 °C
Repeatability in range 2	30 % ($1 \cdot 10^{-1}$ hPa – 100 hPa)

Order number	IMR 265, high-pressure hot cathode, DN 25 ISO-KF
IMR 265, high-pressure hot cathode, DN 25 ISO-KF	PT R26 500

IMR 265

Accessories	IMR 265, high-pressure hot cathode, DN 25 ISO-KF
Electronics unit for IMR 265	PT 120 110 -T
Spare measurement system for IMR 265, DN 25 ISO-KF	PT 120 111 -T



Errors and/or changes excepted. - 9/30/2025

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