



ITR 90, Pirani/Bayard- Alpert, DN 25 ISO-KF



PFEIFFER ➤



Illustration only

ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF

- The maximum pressure applies to inert gases and temperatures below 55 °C
- High measurement accuracy
- Bayard-Alpert sensor ON/OFF automatically controlled by Pirani sensor

ITR 90

Technical Data	ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF
Output signal: Measuring range	0.774 – 10 V
Measuring range	$5 \cdot 10^{-10}$ – $1 \cdot 10^3$ hPa
Materials in contact with media	Stainless steel Glass NiFe NiCr Cu W Mo
Flange, material	Stainless steel
Anode	130727
Ambient temperature	0 – 50 °C
Temperature: Storage, max	+70 °C
Temperature: Storage, min	-20 °C
Measuring accuracy	15 % ($1 \cdot 10^{-8}$ hPa – $1 \cdot 10^{-2}$ hPa)
Measuring method	Pirani Bayard-Alpert
Input voltage(s)	20 – 28 V DC
Volume	≤ 24 cm ³
Output signal: Minimum load	10 k Ω
Pressure max.	$2 \cdot 10^3$ hPa $1.5 \cdot 10^3$ Torr $2 \cdot 10^3$ mbar
Weight	0.29 kg 0.64 lb
Pressure max.	$2 \cdot 10^3$ hPa
Power consumption max.	16 W
Output signal: Minimum load	10 k Ω
Connection flange	DN 25 ISO-KF
Weight	0.29 kg
Filament	Tungsten/iridium coated with Y ₂ O ₃

Order number	ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF
ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF	PT T12 146 300

Accessories	ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF
Spare measurement system for PBR 260 and ITR 90 DN 25 ISO-KF	PT 120 121 -T



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

Are you looking for an optimum vacuum solution?

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