



Agilent TPS Mini

Technical Specifications

		KF 40	ISO 63	CFF 4.5 in.
Pumping Speed (L/s) (with inlet screen)	N ₂	37	48	48
	He	29	44	44
	H ₂	23	32	32
Base pressure*		2 x 10 ⁻⁷ mbar	2 x 10 ⁻⁷ mbar	5 x 10 ⁻⁸ mbar
Bakeout temperature		80 °C at inlet	80 °C at inlet	120 °C at inlet
Pumpdown time (1 liter volume)	60 sec. to 17 mbar; 114 sec. to 1 x 10 ⁻⁴ mbar; 140 sec. to 5 x 10 ⁻⁵ mbar			
Turbo pump rotational speed	70.000 RPM			
Start-up time	122 sec.			
Operating position	Vertical, Horizontal, Upside down position			
Operating ambient temperature	5 °C to 35 °C / 32 °F to 122 °F			
Input Voltage and Frequency	90V to 240V AC; 50 Hz / 60 Hz			
Maximum input power	220 VA			
Serial communications	RS-232 cable, 9-pin D-type male, 9-pin D-type female, A-Plus Software			

* According to standard DIN 28 428





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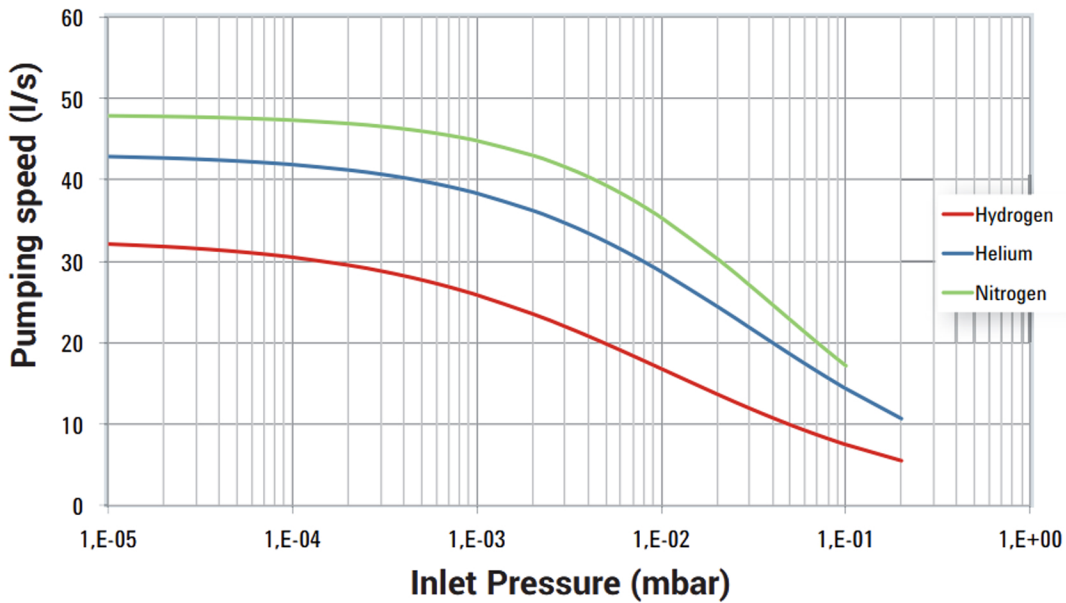
PHONE: 831-462-8900

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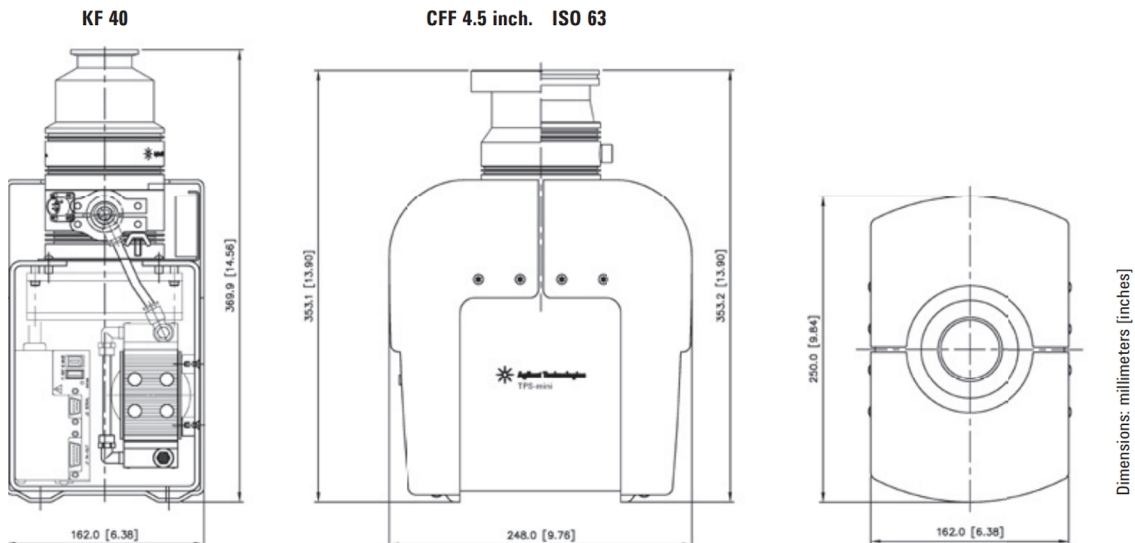
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Agilent TPS Mini Pumping Curves

TwisTorr 74FS



Dimensions





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Agilent TPS Mini

Features & Benefits

- flexible, dry, DIY solution
- oil-free solution
- easy plug and pump
- gauge reading capability
- optimized combination of turbo & backing pump
- modular design simplifies customization
- long service life and high reliability
- smallest footprint, lightest weight

Recommended pumps

- TwisTorr 74FS

Applications

- small volume chambers • laboratories • service purposes • medical applications • SEM - MS applications • load lock chambers