







Alcatel Drytel 31

Technical Specifications

CHARACTERISTICS		DRYTEL 31	DRYTEL 34/34C
Ultimate pressure*	mbar	10 ⁻⁶	10 ⁻⁶ /10 ⁻⁵
Pumping speed < 10 ⁻² mbar*	N ₂ l/s	7.5	7.5
	He l/s	4	4
	H ₂ l/s	3	3
Primary module pumping speed	m ³ /h	2	4
Exhaust pressure	mbar	Atmosphere (10 ³ mbar)	
Start-up time	min	2 min	2 min
Cooling system		AIR WATER	AIR WATER
Maximum inlet pressure	mbar	5	5
Maximum ambient temperature	°C	0 to 35 0 to 50	0 to 35 0 to 50
Maximum power consumption	VA	250	575
Inlet flange		DN63 ISO-K	DN63 ISO-K
Weight	kg (lb)	17 (37.5)	36 (80)

* Pneuop measurement

** CFV100D frequency converter weight

		High Vacuum Pump	
		MDP 5011	MDP 5030 CP
N ₂ Pumping Speed		7 l/s	27 l/s
Dry Roughing Pump:	1 m ³ /h	Drytel micro 	
	2 m ³ /h	Drytel 31 	
Membrane Pump	4 m ³ /h	Drytel 34  Drytel 34 C	Drytel 100  Drytel 100 C



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SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

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Features & Benefits

- oil-free turbo drag high vacuum pumping system
- dry, clean vacuum
- single on/off switch - very user friendly
- efficient & economical
- designed to be used as benchtop or easily integrated into system

Applications

- residual gas analysis • mass spectrometry • load lock pumping
- backing of turbo pumps • ion pump evacuation • cryopump regeneration • leak detection • electron tubes • calibration bench
- freeze drying • surface analysis • research & development

