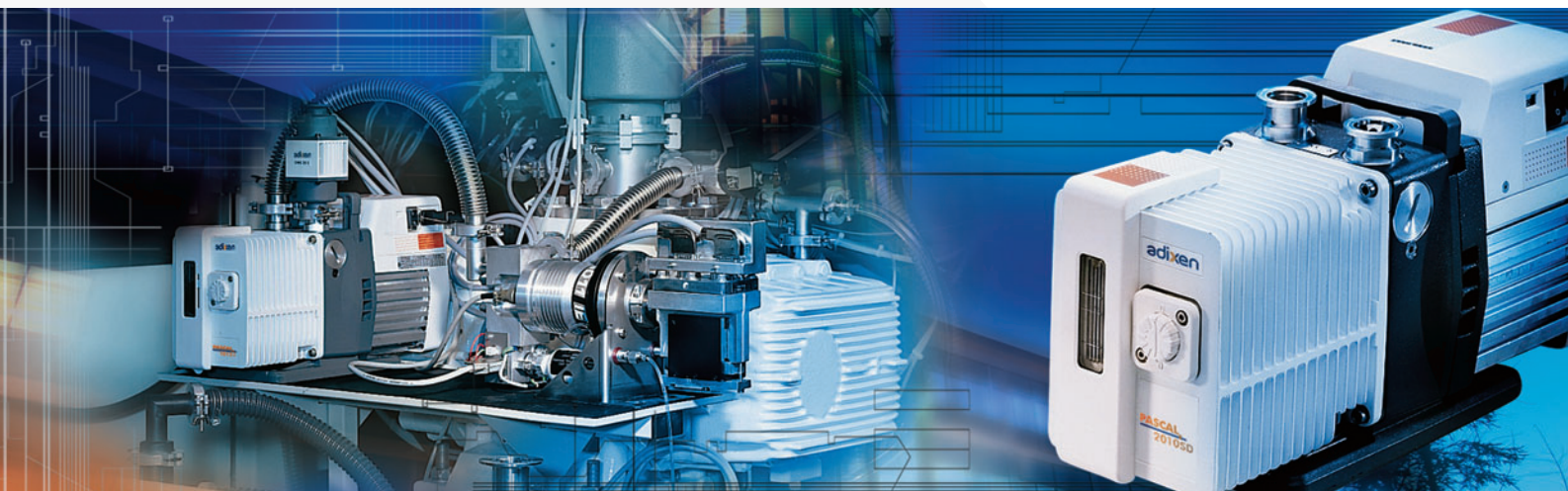


# PASCAL series

## Rotary Vane Pumps and Accessories



**From 2 to 100 m<sup>3</sup>/h (1.4 to 85 cfm) : THE BEST WAY TO MEET YOUR REQUIREMENTS**

### Specific solutions for all major key applications

PASCAL series rotary vane pumps can meet the requirements of your specific application by offering a wide range of dedicated series :

- I series  
Analytical instrumentation
- SD series  
Standard non-corrosive
- C1 series  
High resistance to corrosion
- C2 series  
Most corrosive/Semiconductor
- H1 series  
Hermetic, high tightness level

### I series dedicated to Analytical Instrument applications

- mass spectrometers
- GC/MS LC/MS
- electron microscopes
- residual Gas Analysers
- surface analysers...

### Main benefits

- universal motor
- low noise level
- high performance
- absolute reliability

### Accessories

Alcatel offers a full and comprehensive line of accessories to be used with PASCAL series

For example:

- exhaust mist eliminators
- molecular sieve traps
- dust filters
- condensate traps
- LN<sub>2</sub> traps

**adixen**

## Applications

- **SD series**  
standard pumps for current non-corrosive applications.
- **I series**  
addressing specific requirements of Analytical instruments and R&D.
- **C1 series**  
designed for high resistance to corrosive gases.
- **C2 series**  
suitable for the most corrosive applications of the Semiconductor industries.
- **H1 series**  
hermetic pumps feature a high level of tightness ( $\leq 2 \cdot 10^{-7}$  mbar.l/s)



## Universal motors

PASCAL series from 5 to 21 m<sup>3</sup>/h feature unique universal motors.

### Single-phase

- international usage:  
covering worldwide voltages 180V to 254V, 90V to 132V 50/60 Hz, complying with major standards : UL/CSA/CE,
- easy configuration of voltage range, using rocker switch,
- flexibility for a wide choice of power lead terminations (cables and plugs).

### Three-phase

- international usage:  
wide voltage range  
342 to 460V 50Hz  
342 to 520V 60Hz  
170 to 254V 50Hz  
170 to 300V 60Hz,
- complying with major standards: UL/CSA/CE.

## Product range

Pumping speed	m <sup>3</sup> /h cfm	2 1.4	5.4 3.8	9.7 6.8	15 10.6	20.7 14.6	33 24	60 43	100 85
I series	2 stages	2002I	2005I	2010I	2015I	2021I	-	-	-
SD series	2 stages	-	2005SD	2010SD	2015SD	2021SD	2033SD	2063SD	2100SD
SD series	1 stage	-	1005SD	-	1015SD	-	-	-	-
C1 series	2 stages	-	2005C1	2010C1	2015C1	2021C1	2033C1	2063C1	2100C1
C2 series	2 stages	-	-	2010C2	2015C2	2021C2	2033C2	2063C2	-
H1 series	2 stages	-	2005H1	-	2015H1	-	2033H1	2063H1	-



Alcatel Vacuum Technology France  
98, avenue de Brogny - BP 2069 - 74009 ANNECY CEDEX - FRANCE - Tel.: (33) (0) 4 50 65 77 77 - Fax: (33) (0) 4 50 65 77 89  
www.adixen.com

An Alcatel-Lucent Company

**China**  
Alcatel Vacuum  
Technology Shanghai  
Tel: (8621) 5027 0628  
Fax: (8621) 3895 3815

**France**  
Alcatel Vacuum  
Technology France  
Tel: (33) 04 50 65 77 77  
Fax: (33) 04 50 65 77 89

**Germany**  
Alcatel Hochvakuum  
Technik GmbH  
Tel: (49) 9342 96 10 0  
Fax: (49) 9342 96 10 30

**Italy**  
Alcatel Vacuum  
Systems S.p.A.  
Tel: (39) 039 686 3855  
Fax: (39) 039 667 125

**Japan**  
Alcatel-Lucent Japan  
Tel: (81) 44 797 5920  
Fax: (81) 44 797 5932

**Korea**  
Alcatel Vacuum  
Technology Korea  
Tel: (82) 31 206 6277  
Fax: (82) 31 204 6279

**Netherlands**  
Alcatel Vacuum  
Technology Netherlands  
Tel: (31) 345 478 400  
Fax: (31) 345 531 076

**Singapore**  
Alcatel Singapore Pte Ltd  
Tel: (65) 6254 0828  
Fax: (65) 6254 7018

**Sweden**  
Adixen Sensistor AB  
Tel: (46) 13 35 59 00  
Fax: (46) 13 35 59 01

**Taiwan**  
Alcatel Vacuum  
Technology Taiwan  
Tel: (886) 3 5599 230  
Fax: (886) 3 5599 231

**United Kingdom**  
Alcatel Vacuum  
Technology (U.K.)  
Tel: (44) 1 506 418 000  
Fax: (44) 1 506 418 002

**USA**  
Alcatel Vacuum  
Products  
Tel: (1) 781 331 4200  
Fax: (1) 781 331 4230