

ATH 31 Series

HYBRID TURBOMOLECULAR PUMP



User's Manual

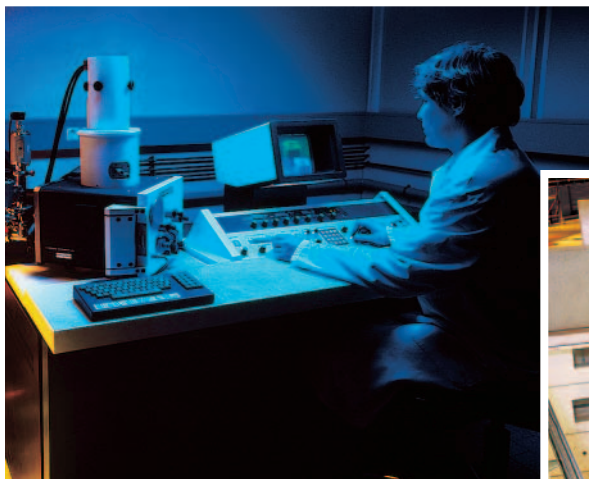




For more than forty years, the Vacuum Technology of Alcatel, a subsidiary of the Alcatel Group, has been supplying pumping and leak detection systems to industry and research laboratories world-wide.

The company's products are designed and manufactured in the heart of Europe and are distributed by a global network of subsidiaries and representatives which ensures that customers always benefit from quick service.

Alcatel Vacuum Technology France has developed an international network which is capable of servicing the world's major industrial regions. The first step was the founding of Alcatel Vacuum Products, in the United States over twenty years ago. In Europe, Headquarter AVT-France and four of its subsidiaries, Alcatel Hochvakuum Technik (Germany), Alcatel Vacuum Technology (Great Britain), Alcatel Vacuum Systems (Italy) and Alcatel Vacuum Tehnology Belgium (Netherlands) form the foundation for a network of partners covering the entire continent. In Japan, the addition of Alcatel Japan with its 20 years of experience in the country strengthened the network in 1993. Since 1995, AVTK our subsidiary in Seoul, and AVT Taiiwan since 2001, reinforce our presence in Asia. This organization is rounded off by more than thirty representatives based in a variety of continents.



Thus, whatever the circumstances, the users of Alcatel products can always rely on the quick support of our specialists in Vacuum Technology.



ATH 31 Hybrid Turbo Pump

Welcome

Dear Customer,

You have just purchased an Alcatel hybrid turbo pump. We would like to thank you and are proud to count you as one of our customers.

This product has benefited from Alcatel's many years of experience in the field of turbomolecular pump design.



In order to ensure the best possible performance of the equipment and your complete satisfaction in using it, we advise you to read this manual carefully before any intervention on your pump and to pay particular attention to the equipment installation and start-up section.

APPLICATIONS:

ANALYTICAL INSTRUMENTATION

RGA, Gas analysis, Mass spectrometry, Leak detection, Process monitoring, Environment analysis, Surface analysis.

ADVANTAGES:

Size and weight - Reliability - Ultimate pressure -
Light gas performance - Low noise and vibration -
Clean, oil free vacuum - Maintenance free -
Resistance to corrosive gases - Electronic interface -
Easy integration of the pump.

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France

Alcatel Vacuum Technology - France
98, avenue de Brogny - BP 2069
74009 ANNECY - Cedex
Tel : (33) 4 50 65 77 77
Fax : (33) 4 50 65 77 89

Germany

Alcatel Hochvakuumtechnik GmbH
Am Kreuzeck 10
Postfach 1151
97877 Wertheim
Tel. (49) 9342 9610 0
Fax. (49) 9342 9610 30

Italy

Alcatel Vacuum Systems
Via Trento, 30
20059 Vimercate (Mi)
Tel. (39) 0396 86 38 55
Fax. (39) 039 66 71 25

Japan

Alcatel Vacuum Technology Japan
Aioi Sonpo Shinjuku, building 13 F
25-3, Yoyogi 3-chome
Shibuya-Ku -TOKYO 151-0053
Tel. (81) 3 5302 4350
Fax. (81) 3 5302 4332

Korea

Alcatel Vacuum Technology Korea
4th Floor, Sunghyun B/D
10-5, Karak-Dong, Songpa-Ku
Seoul
Tel. (82) 2 409 6277
Fax. (82) 2 409 6279

United Kingdom

Alcatel Vacuum Technology UK Ltd
8 Bain Square
Kirkton Campus
Livingston - West Lothian
EH54 7DQ Scotland
Tel. (44) 1 506 418 000
Fax. (44) 1 506 418 002

USA

Alcatel Vacuum Products
67, Sharp Street
Hingham - MA 02043
Tel. (1) 781 331 4200
Fax. (1) 781 331 4230

