

The logo for Physical Electronics, featuring a stylized 'P' icon followed by the text 'Physical Electronics' in a bold, sans-serif font.

a Phymetrics division

Ultra-High Vacuum Products





UHV power + control

DIGITEL™ ION PUMP CONTROLLERS

True UHV system control... The DIGITEL line of ion pump controllers offers the most complete functionality available. Combining safety, reliability, and performance with a vast array of standard features provides ultimate control over any UHV system. Whether operator controlled or fully automated, there is a DIGITEL to control any size ion pump.



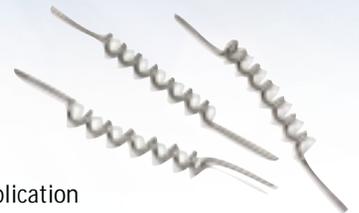
CAPTORR VARIABLE ELEMENT ION PUMPS

True UHV stability and reliability... An Ion Pump is defined by the pumping element with which it is constructed. The Captorr design is the latest in diode ion pumping technologies. Both conventional and differential pumping elements are available in over 2000 ion pump configurations.



TSP AND NEG BOOSTIVAC SYSTEMS

Pure UHV enhancement... Boostivac systems are designed for the UHV application where high gas loads or excess hydrogen are of major concern. While an ion pump will achieve UHV, adding a Titanium Sublimation Pump (TSP) or Non-Evaporable Getter (NEG) will enhance UHV quality and decrease the time it takes to achieve UHV. The Boostivac system incorporates these advantages directly into the ion pump body.



BAKEOUT CONTROLS AND AUTOMATION

True UHV bakeability... Baking a UHV system is crucial to achieving UHV fast and reliably. Every ion pump is constructed with heater mounting bolts and materials that optimize the bakeout process. If heaters are added, the process can be easily monitored through our bakeout automation expertise and products.



International Sales Representatives

North America

California

THT Group, Inc.
Santa Clara, CA
phone: 408.727.4282, **fax:** 408.727.0719
e-mail: sales@thtgroup.com

Mirco-tec West
Santa Ana, CA
phone: 714.668.9225, **fax:** 714.668.9741
e-mail: sales@micro-tec.com

Arizona, New Mexico, Nevada, Utah & Colorado

Mirco-tec West
Mesa, AZ
phone: 480.649-4100, **fax:** 480.649.4200
e-mail: sales@micro-tec.com

South/North Dakota, Minnesota, Iowa & Western Wisconsin

Torvac
Minneapolis, MN
phone: 612.377.2077, **fax:** 612.377.9882
e-mail: sales@torvac.com

Kansas, Missouri, Illinois, Indiana & Eastern Wisconsin

Vacuum One
Chicago, IL
phone: 773.244.3102, **fax:** 773.244.3975
e-mail: information@vacuumone.com

Michigan, Ohio, Kentucky, West Virginia, Western Pennsylvania & Western New York

Great Lakes Technology
Lakewood, OH
phone: 216.228.4555, **fax:** 216.228.2344
e-mail: greatlakestech@ameritech.net

Maine, New Hampshire, Vermont, Rhode Island, Connecticut, Eastern NY, Eastern Pennsylvania, Delaware, Maryland, Virginia, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia & Florida

Pascal Technologies, Inc.
Fredericksburg, VA
phone: 800.367.2919, **fax:** 540.891.2233
e-mail: info@pascaltechnologies.com

All Other States, Please Contact:

Physical Electronics, Inc.
Eden Prairie, Minnesota
phone: 800.237.3603, **fax:** 612.828.6322
e-mail: vacuum@phi.com

Canada

Meridian Scientific Services, Inc.
Carp, ON, Canada K0A 1L0
phone: 613.838.3363, **fax:** 613.838.4595
e-mail: vacuumsales@meridiansci.com

Europe

Norway, Sweden, Finland & Denmark

Pfeiffer Vacuum Scandinavia AB.
Upplands Väsby, Sweden
phone: 46.0.8.590.748.10, **fax:** 46.0.8.590.748.88
e-mail: sales@pfeiffer-vacuum.se

United Kingdom

Scanwel Ltd.
Llandderfel
Bala, Gwynedd, Wales, UK
phone: 44.0.1678.530281 **fax:** 44.0.1678.521755
e-mail: sales@scanwel.co.uk

Germany

VACOM GmbH
Jena, Germany
phone: 49.3641.42750, **fax:** 49.3641.427524
e-mail: info@vacom.de

Netherlands & Belgium

Pfeiffer Vacuum Belgium N.V..
Temse, Netherlands
phone: 32.03.710.59.20, **fax:** 32.03.710.59.29
e-mail: sales@pfeiffer-vacuum.be

France

Analyse de Surface
Paris, France
phone: 33.1.466.30510, **fax:** 33.1.466.33433
e-mail: vacuum@phi.com

Italy

2M Strumenti
Roma, Italy
phone: 39.06.8689.5319, **fax:** 39.06.8689.5241
e-mail: duemest@rm.ats.it

Spain & Portugal

KONIK-Tech
Barcelona, Spain
phone: 34.9.3.589.33.60 **fax:** 34.9.589.32.06
e-mail: konik@cecot.es

Poland

PRE VAC Sp z o.o, Poland
phone: 48.32.451.25.11 **fax:** 48.32.451.25.12
e-mail: office@prevac.katowice.pl

Africa

South Africa

LABOTEC (PTY) Limited
Gauteng, Republic of South Africa
phone: 27.11.315.5434 **fax:** 27.11.315.5882/7/9
e-mail: sales@labotec.co.za

Pacific Rim and Middle East

Japan

ULVAC-PHI Inc.
Chigasaki-shi, Kanagawa-ken
phone: 81.467.85.6522, **fax:** 81.467.85.4411
e-mail: salesjp@phi.com

Korea

GJ Scientific Company
Seoul, Korea
phone: 82.2.3443.4292, **fax:** 82.2.3443.4294
e-mail: glee@phi.com

Taiwan

Global Power Source Co., LTD.
Kweishan Hsiang, Taoyuan Hsien,
Taiwan. R.O.C.
phone: 886 3 396 0236, **fax:** 886 3 396 0232
e-mail: tdec@ms4.hinet.net

Australia

Stanton Scientific
Byron Bay, Australia
phone: 02.66.856.902
fax: 02.66.858.530
e-mail: bill@stantonscientific.com

Israel

VST Service Ltd.
Petach Tikwa, Israel
phone: 972.3.9247710/2
fax: 972.3.9247711
e-mail: marketing@vstser.com

