

Sources of Supply

This is an exemplary selection of suppliers, without any evaluation or preference, and without claiming completeness.

Bolts and mounting parts, vacuum compatible

ALMA GmbH www.alma-driving.de

Ceramics

Friatec www.friatec.com

Haldenwanger www.haldenwanger.com

Cooling devices (compressor driven)

Ferrotec www.ferrotec-europe.de

Cooling water chillers (closed circuit)

Julabo www.julabo.com

Cooling water quick couplings

John Guest www.johnguest.com

CPC (self-sealing) www.colder.com

Electron beam evaporation sources

Oerlikon-Leybold www.oerlikon.com/leyboldvacuum

Ferrotec www.ferrotec.com

Evaporation Material

Mateck GmbH www.mateck.com

Merck www.patinal.merck.de

Evaporation sources (filaments, boats)

Lesker US www.lesker.com

Mathis US www.rdmathis.com

Feedthroughs, viewports

MDC Caburn www.caburn.com

Lesker www.lesker.com

Film thickness monitoring by quartz microbalance

Inficon www.inficon.com

Flowmeters for water and gases

Kobold www.kobold.com

Gas abatement (scrubbers)

Edwards www.edwardsvacuum.com

Ebara www.ebaratech.com

Gas supply + control

Dräger www.draeger.com

Airliquide www.airliquide.com

Gas tube fittings

Swagelok www.swagelok.com

Gas tubing (steel)

Dockweiler GmbH www.dockweiler.com

Gate valves

VAT www.vatvalve.com

Glass ceramics (machineable)

Xeram www.xeram.com

Heaters (flexible tube)

Thermocoax www.thermocoax.com

Heater lamps

Heraeus www.heraeus-noblelight.com

Ion sources

Veeco US www.veeco.com

Roth & Rau www.roth-rau.com

Massflow Controllers and mass spectrometers

MKS www.mksinst.com

Materials

Goodfellow www.goodfellow.com

Micro motors

Faulhaber www.faulhaber.com

Optical film thickness measurement

Intellevation www.intellevation.co.uk

Sen Tech (ellipsometric) www.sentech.de

O-rings, seals

Freudenberg www.simrit.com

Shielding contacts

Feuerherdt www.feuerherdt.de

Bal-Seal US (spiral) www.balseal.nl

Sputter Power Supplies (DC, pulsed, Rf)

Advanced Energy US www.advanced-energy.com

Hüttinger www.huettinger-electronics.com

Sputter targets

Cotec GmbH www.cotec-gmbh.com

Mateck www.mateck.com

Support structures / rail system

Bosch www.boschrexroth.com

Vacuum chambers

Pink GmbH www.pink.de

Trinos www.trinos.com

Vacuum pumps and gauging

Edwards www.edwardsvacuum.com

Oerlikon-Leybold www.oerlikon.com/leyboldvacuum

Pfeiffer Vacuum www.pfeiffer-vacuum.com

Varian www.varianinc.com