



Product & Service List

	Standard Product	Custom Product
PRODUCTS		
Beamlines		
Beamlines		✓
Short Port Beamline for GE PETtrace™ Cyclotron	✓	
Ion Source and Injection Beamlines		✓
Ion Sources		
Ion Source 5mA 30keV H ⁻ DC Volume-Cusp**	✓	
Ion Source 10mA 30keV H ⁻ DC Volume-Cusp**	✓	
Ion Source 15mA 30keV H ⁻ DC Volume-Cusp**	✓	
Ion Source Replacement Parts**	✓	
Double Dipole Puller Chuck for Cyclone 30	✓	
Magnets		
Dipole**	✓	✓
Quadrupole**	✓	✓
Solenoid		✓
Diagnostic Devices		
Wire Scanner**	✓	
Emittance Scanner**	✓	
Faraday Cup / Beam Stop		✓
Slits & Collimators		✓
Radiation Detectors**	✓	
Targets & Target Stations		
Bruce Technologies Inc. High Yield F-18 Target (CF-1000)	✓	
Standard F-18 Water Target**	✓	
High Current F-18 Water Target**	✓	
Solid Target Station**	✓	
2 Port Target Selector**	✓	
Target Load/Unload Process Cabinet w/ Overpressure**	✓	
Target Helium Cooling System Cabinet**	✓	
Software		
Beamline Simulator Software	✓	
OhNo!©: Software for FDG Production Control	✓	
Other		
Vacuum Chambers & Beampipe		✓
Radiation Shielding		✓
Equipment Support and Alignment Structures		✓

SERVICES	
Custom Engineering, Design & Drafting*	
Beamline Equipment	
Beamline Systems	
Accelerator Mechanical Design & Drafting	
Training (Theory and Operation)	
External H ⁻ Ion Sources	
Injection Systems	
Cyclotron Acceleration	
Beamlines	
Ion Optics including Beamline Simulator Software training	
Manual Writing	
Technical Manuals for cyclotrons and/or sub-systems of cyclotrons	
Operations Manuals for cyclotrons and/or sub-systems of cyclotrons	
Consulting	
Cyclotrons and/or sub-systems of cyclotrons	
Ion Optics	

*D-Pace will manufacture custom designs if desired

**TRIUMF Licensed Technology



THALES Cyclotron with D-Pace Designed Custom Compact Beamlines, Radiation Shielding, Target Helium Cooling System**, and Load/Unload Process Cabinet with Overpressure**.

For more information please visit our website or contact us by phone or email (see back panel).

High Performance

Charged Particle

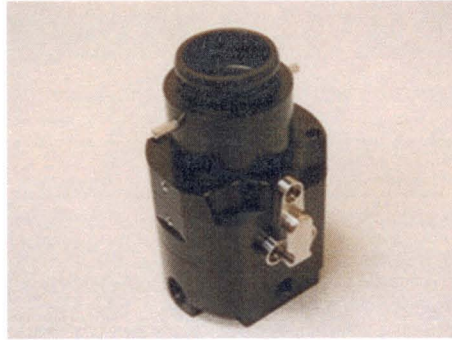
Transport Solutions

Selection of D-Pace, Inc. Products

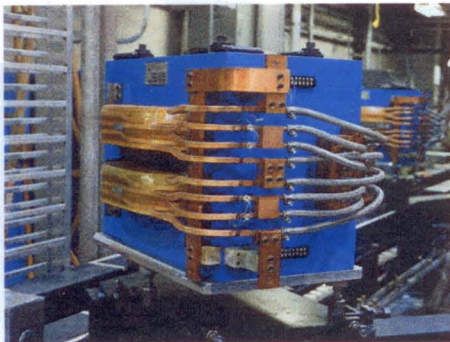
Custom Compact Beamline



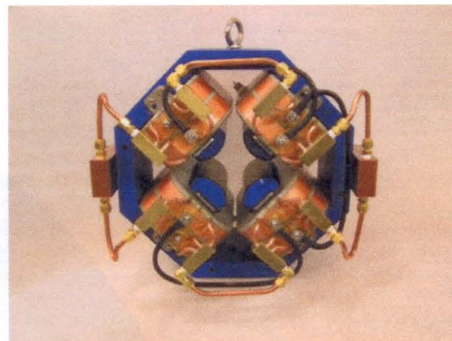
Bruce Technologies Inc. High Yield F-18 Target



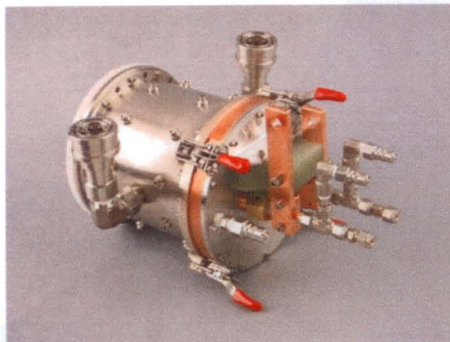
*Dipole Magnet***



Quadrupole Magnet



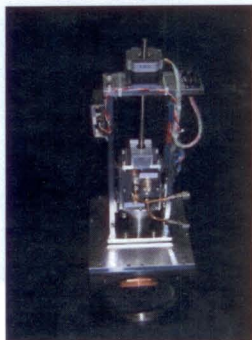
*H⁻ Ion Source***



Double Dipole Puller Chuck



*Emittance Scanner***



*Radiation Detectors***



**** TRIUMF Licensed Technology**

D-Pace
PO Box 201
Nelson
British Columbia
Canada
V1L 5P9

Ph 250.352.5162
Fax 250.352.3864
info@d-pace.com
www.d-pace.com