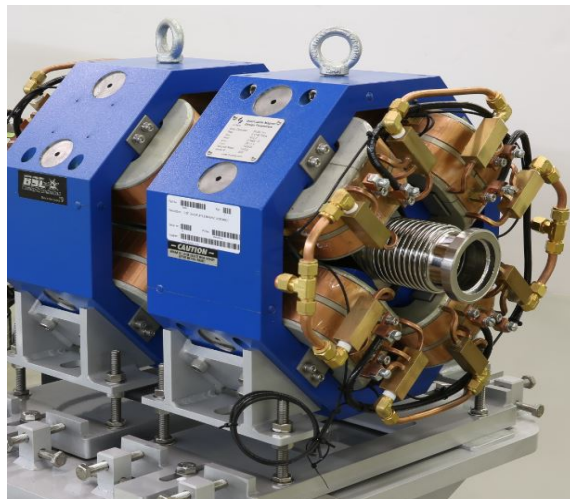
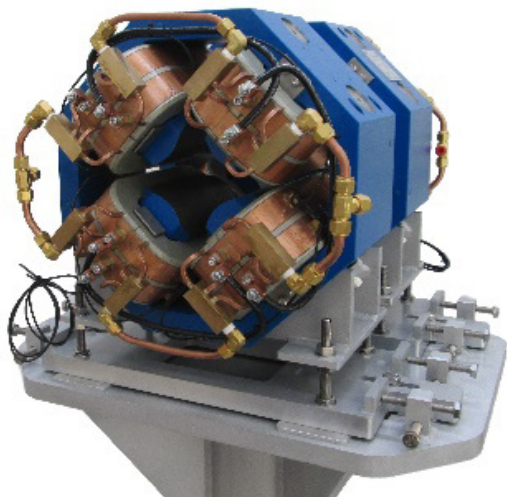


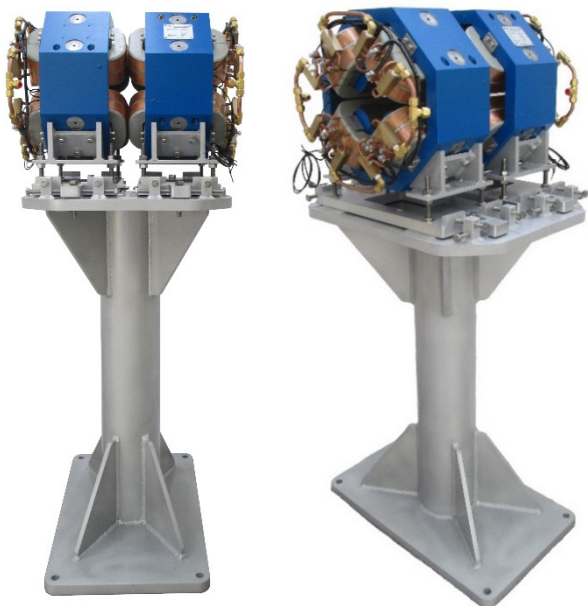
# 3.25" Bore Quadrupole Magnet

Model QM-83.202



The D-Pace standard 3.25" / 82.55 mm bore diameter quadrupole magnet for charged particle focusing can be purchased as:

- Singlet, Doublet, or Triplet
- With or without beampipe included
- With or without power supplies



## SPECIFICATION: QM-83.202

Magnet Type	Quadrupole
Bore Diameter	82.55 mm (3.25")
Iron Length	161 mm
Effective Length	202 mm
Mass	125 kg
Pole Tip Magnetic Field @ Max Current	0.42 T
Max Current	50 A
Max Voltage (Hot)	30 V
$\Delta T$ @ Max Current	$\sim 10^{\circ}C$
Cooling Water Flow	4 l/min
Inlet Pressure	$\sim 8.5$ psi
$\Delta P$	$\sim 3$ psi
Thermal Switches Activation Temperature	$70^{\circ}C$