

Quadrupole

EMQD-01-304-276



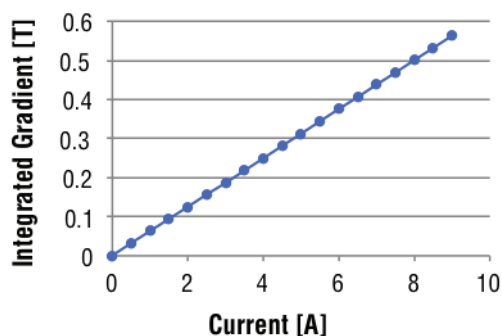
Integrated gradient	0.438 T
Gradient	4.07 T/m
Magnetic length	10.8 cm
Current	6.92 A
Voltage	18.36 V
Power	130 W
Calibration	0.063 T/A
Number of turns per coil	358
Bore	∅7.7 cm
Yoke length	7.0 cm
Pole length	7.0 cm
Maximum length	18 cm
Transverse size	41.3 cm
Weight	77 kg

The large 7.0 cm bore of the EMQD-01-304-276 is suited for ion beams. A small transverse footprint is met with pyramid-shaped coils.

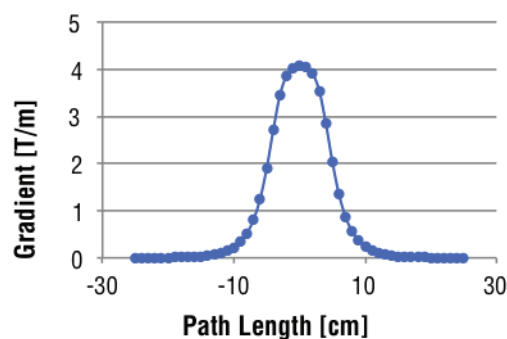
FEATURES SHOWN

- Integrated temperature switches
- Rotatable stand to switch between skew and normal quadrupole

MAGNETIZATION



LONGITUDINAL PROFILE (I = 6.5 A)



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