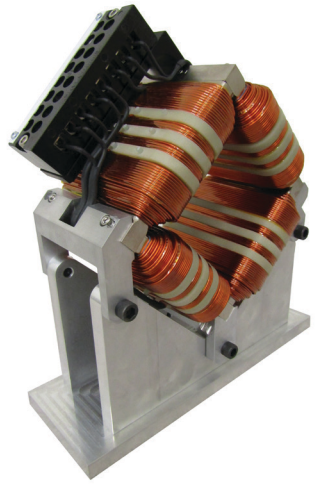
Combined Function Corrector

MCBE-01-400-310



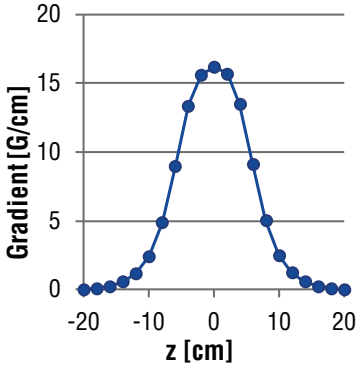
RadiaBeam's novel combined function corrector simultaneously corrects dipole and skew quadrupole errors. Four independent power supplies are required for operation.

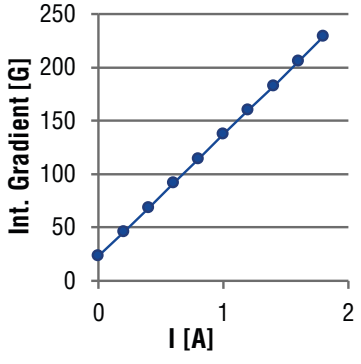
FEATURES

- Air-cooled
- Optional stands available
- Fits around 3" (75 mm) beampipe
- Simultaneous skew-quad and dipole correction

Integrated Skew Gradient... 225 G
Skew Gradient..... 16.0 G/cm
Magnetic Length ..... 14.1 cm
Current..... 2.0 A
Voltage per coil ..... 1.7 V
Power per coil..... 3.4 W
Calibration..... 113 G/A

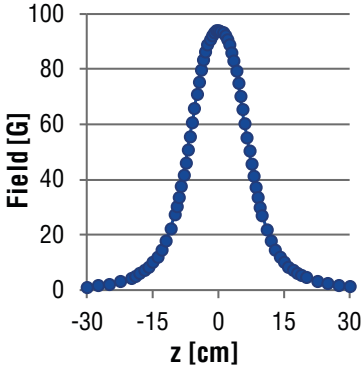
Skew Quad

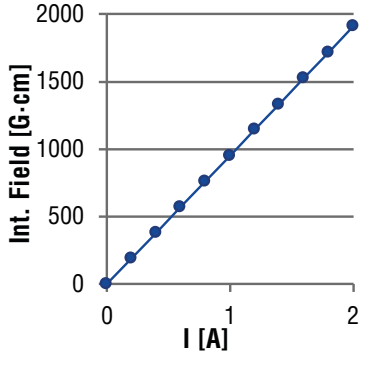




Integrated Dipole Field ..... 1600 G·cm
Peak Dipole Field..... 92.5 G
Magnetic Length ..... 17.3 cm
Current..... 1.7 A
Voltage per coil ..... 1.4 V
Power per coil..... 2.3 W
Calibration..... 941 G·cm/A

Dipole





Bore ..... 7.8 cm
Physical Length..... 11.3 cm
Transverse Size ..... 21.4 x 20.3 cm
Weight..... 9.1 kg

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Other options are available upon request. Please contact us or visit our website for purchasing information.