

Permanent magnet systems for testing medical devices

For testing cardio-stimulators and other medical devices, a set of the magnetic field sources was designed having a magnetic flux density in the working area from 1 to 300 mT.



Brief technical specifications:

Values of the magnetic field in the working area	1, 10, 50, 100, 200, 300 mT.
Magnetic system material	NdFeB.
The inter-pole gap	25 mm.
Dimensions of the working	Area \varnothing 150 x 20 mm
The field inhomogeneity in the working area	\sim 1 %
Overall system dimensions	180x260x260 mm.

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