

# Magnetic field system for non-destructive testing of vacuum devices

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This magnetic system is specially designed for non-destructive testing of pumped vacuum devices, that required the creation of a uniform magnetic field not only in the center of the operating bore, but in the toroidal region of large size. The system is assembled on the basis of NdFeB permanent magnets.



## Specifications:

Field direction	axial
Field uniformity in a specified toroidal area	up to $\pm 2\%$
Magnetic flux density (for existing modifications)	from 0.1 to 0.4 T
Bore diameter	120 mm and more

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