

# Electromagnet for magnetometer calibration

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Electromagnetic system with a high field uniformity in the working volume  $\sim 1$  cm<sup>3</sup>. It can be used for calibration of different types of magnetometers. Low power consumption allows continuous operation without cooling in the field range of  $\pm 50$  mT. The system can be controlled by a computer.

Basic technical parameters:

- overall dimensions - 280 × 340 × 340 mm
- net weight -  $\sim 95$  kg
- maximal magnetic field induction - 50 mT
- the field inhomogeneity in the operating region - 0.01 - 0.05 %
- power consumption -  $\sim 200$  W
- PC control mode, including the polarity reversal, is available

Deputy director:

Dmitry Kopeliovich, Ph.D.

Tel: +7(495) 777-72-26

E-mail: [kopel@amtc.org](mailto:kopel@amtc.org)