

URM

UNIVERSAL REFERENCE MAGNET

The Universal Reference Magnets provide a stable and convenient method to verify the accuracy and calibration of Hall Effect Gaussmeters, Teslameters, and Probes.

MPB Supplies reference magnets with fixed field according to customer specifications or with variable field URM are self-shielded to minimize the effects of external magnetic fields.



Fixed reference magnet (URM-F)

with certified value to verify the correct operation of a probe

Adjustable reference magnet (URM-AD)

to generate a static field of your choice.
A sample probe is needed to measure the field

MODEL CONFIGURATIONS

Art. No.	PRODUCT SHORT DESCRIPTION	FEATURES
URM-F-Rxxx	Universal Reference Magnet	H field: fixed choice between 1/1000 mT Sensor type: Axial or Transverse Calibration: YES, with MPB internal procedure (compared method) using a meter plus a sensor ISO 17025 calibrated
URM-AD-R1/100	Universal Reference Magnet	H field: variable from 1 to 100 mT Sensor type: Axial AND Transverse. One typology for each. Size of area for inserting sensors: max 5mm Calibration: NO, but during adjustment, the field can be verified with your own field meter
URM-AD-R10/500	Universal Reference Magnet	H field: variable from 10 to 500 mT Sensor type: Axial AND Transverse. One typology for each. Size of area for inserting sensors: max 5mm Calibration: NO, but during adjustment, the field can be verified with your own field meter
URM-AD-R500/1000	Universal Reference Magnet	H field: variable from 10 to 500 mT Sensor type: Axial AND Transverse. One typology for each. Size of area for inserting sensors: max 5mm Calibration: NO, but during adjustment, the field can be verified with your own field meter