

Zero Gauss Chamber

MAGNETIC
Test



NDT Supply.com, Inc.
7952 Nieman Road
Lenexa, KS 66214-1560 USA
Phone: 913-685-0675, Fax: 913-685-1125
e-mail: sales@ndtsupply.com, www.ndtsupply.com



MAURER[®]
MAGNETIC AG

Shielding magnetic field of earth for consistent measurement results

Up to date specifications for demagnetized components require a residual magnetism of 4A/cm or less. The influence of induced geomagnetic fields, misclassifies the measurements. The Zero Gauss Chamber delivers consistent test results due to measurements taken within a chamber that shields the magnetic field of the earth. Therefore the test results can be reproduced at any location, which provides global quality control.

Characteristics

- Location independent and consistent measurement results
- Specified shielding factor for measuring capability
- Raised platform for comfortable operation and defined measuring surface
- Heavy duty, for shop floor use

	MM NGK 17	MM NGK 21
Dimensions W x H x D	510 mm x 560 mm x 500 mm	610 mm x 650 mm x 600 mm
Weight	30 kg	38 kg
Dimension of the platform W x D	410 mm x 280 mm	480 mm x 360 mm
Shielding factor min.	3.5 (x=10.0 y=21.0 z=2.0)*	4.0 (x=15.0 y=30.0 z=2.0)*

Made in Switzerland 

* Definition spatial shielding factor for x-, y- and z-axis: see figure MM NGK 17.

The high shielding factor allows precise and non-directional measurements inside the Zero Gauss Chamber, by shielding the magnetic field of earth or other external fields. This is of importance, especially for elongated parts with a high initial magnetic permeability.

Shielding factor



MM NGK 17



MM NGK 21



Magnetizing & Demagnetizing Technology

MAURER[®]
MAGNETIC AG

Maurer Magnetic AG
Industriestrasse 8-10
8627 Grüningen, Switzerland

Tel. +41 44 936 60 40 info@maurermagnetic.ch
Fax +41 44 936 60 49 www.maurermagnetic.ch