

# Reference Magnet for Calibration 标准参考磁铁

## ■ Standard Transverse Magnet 标准横轴磁铁

### Typical Application

#### 应用功能

- Calibration of hall effect probes, search probes, Flux meter and Gauss meters

横轴探头，磁通计和 高斯计的霍尔效应测定

### Features

#### 特性

- Long term stable magnets  
长期稳定磁铁
- Very low temperature coefficients  
极低温度系数
- Self-Shielding Configuration  
自身防御组合
- Accuracy retained between 0 degrees to 40 degrees Celsius  
0 度至摄氏 40 度之间保留的精度



Reference magnets STM 2/5 are available from stock in the following configurations:

<b>Model</b>	<b>Air Gap Distance</b>	<b>Air Gap Diameter</b>	<b>Field Strength H</b>	<b>Flux Density B</b>
STM 2	2 mm	18 mm	800 Ka/m (10kOe)	1 T (10 kG)
STM 5	5 mm	20 mm	400 Ka/m (5kOe)	0.5 T (5 kG)

The reference magnets contain long-term stable permanent magnets having low temperature coefficients.

The flux densities and field strengths given in the tables are approximate values. The exact values are determined when the reference magnets are calibrated shortly before delivery.