

DGB-8型数字式氦光泵磁力仪

DGB-8 Digital Helium Optical-pumping Magnetometer

基于氦光泵技术的新一代数字化磁力仪产品,可用于总场、梯度的连续测量。设备集成 GPS 定位模块,系统软件功能齐全,操作简便。

主要技术指标:

- ◆ 测程范围: 20000nT ~ 100000nT;
- ◆ 采样率: 1 ~ 10Hz;
- ◆ 分辨率: 0.001nT;
- ◆ 梯度容限: $\geq 2000\text{nT/m}$;
- ◆ 静态噪声: $\leq 0.005\text{nT}$;
- ◆ 一致性: $\leq 0.5\text{nT}$;
- ◆ 连续工作时间: $\geq 24\text{h}$ 。

The lasted generation product of digital magnetometers based optical pumping technology, can be operated in the continuous total and gradient magnetic field measurement mode. It is integrated with GPS module. Its software is fully functional and easy to use.

Specifications:

- ◆ Measurement Range: 20,000 to 100,000 nT;
- ◆ Sampling Rate: 1 ~ 10 Hz;
- ◆ Resolution: 0.001nT;
- ◆ Gradient Tolerance: $\geq 2000\text{nT/m}$;
- ◆ Noise Envelope: $\leq 0.005\text{nT}$;
- ◆ Uniformity: $\leq 0.5\text{nT}$;
- ◆ Battery life: $\geq 24\text{h}$.

DGB-8型磁力仪适用于地面、低空磁法勘探,可作为地面磁法勘探的理想产品。在云铜集团青海牛苦头项目中,该设备被用于高精度地面磁法勘探。勘探效果明显优于现有地面磁法勘探设备。该设备得到用户的肯定。

This magnetometer can be widely used in the terrestrial and aviation magnetic survey. It is an ideal product in the high precision terrestrial geomagnetic surveying. It is used in Qinghai Niu Kutou Mining Projects of Yunnan Copper Group. It's better than other magnetometers. It achieves the expected results and get customers' acceptance.



DGB-8型数字式氦光泵磁力仪

DGB-8 Digital Helium Optical-pumping Magnetometer