

Portable Energy Dispersive X Fluorescence Spectrometer **P3000 (All Elements Analysis)**

Picture:



Application: 1. Stainless steel grade test
2. Alloy elements analysis
3. Ore analysis
4. Soil environmental monitoring
5. ROHS+halogen

Specifications:

- 1 探测器: 美国高分辨率 SDD 探测器, 能量分辨率 139eV
SDD detector resolution: 139eV
- 2 激发源: 50KV/100uA-银靶端窗一体化微型 X 光管
Excitation source: X-ray tube, Ag target, end window, 50KV/100uA
- 3 工作环境温度: -15℃-40℃
Ambient temperature: -15℃-40℃
- 4 电池: 7800mAh 大容量电池, 可持续工作 8 小时
Battery: large capacity of 7800mAh which can keep 8 hours of working
- 5 测量元素范围: 钠 – 铀
Measurable elements: Na– U
- 6 显示屏: 3.5 英寸可旋转触摸屏
Screen: rotating 3.5 inch touch screen
- 7 检出限: 0.001%~0.01%
Detection limit: 0.001%~0.01%
- 8 检测时间: 3-60 秒
Measurement time: 3 to 60 seconds
- 9 滤波器: 18 种滤波器组, 能够自动调节
Filters: 18 filters combination and can automatically switch
- 10 仪器总重量: 1.5Kg
Weight: 1.5Kg

产品特点:

Product features

- 1 体积小, 重量轻, 携带方便, 便于现场作业
Small, light, portable and convenient for on-site working
- 2 采用美国最新型 SDD 探测器
Use American newest Silicon Drift Detector
- 3 可自动调节滤波器
Auto-switch filters
- 4 软件集成大量的合金牌号数据库并可根据用户需要自由添加
Large integrated alloy database can also be added new ones according to user's needs
- 5 基于铝合金材质的光路结构一体化设计, 散热性能更优异, 保证数据长期稳定
The integrated optical structure design based on aluminum alloy offers better heat-dissipation performance which guarantees data stability for long-time measurement
- 6 空测自动关闭激发源, 保护人身安全
Automatically close excitation source in case of no sample