

QP-01C 手持式超高精度激光测径仪

Portable High Accuracy Laser Diameter Gauge

产品用途:

主要用于光纤、漆包线、微拉丝、纤维等各类微细线材的超高精度外径测量，**在线检测**和**离线检测**均可，特别适于**巡检人员**使用。

Applicable to the super accurate measurement of outerdimension of various fine wires such as optical fiber, enameled fine drawnwires and fibers etc. It is suitable for **the patrol** and can be operated both **in-line** and **off-line**.

主要技术参数:

测量范围Measurement Span:0.02 — 2.0mm

分辨率Resolution:0 . 00001mm

测量精度Accuracy:±0 . 0001 mm

仪器外型尺寸Outer Dimension:225×50×35mm

采样速度Sampling Speed:10000次/秒

仪器重量Weight: 500g 含包装1.6kg

自带锂电池和充电器，恒流恒压充电电压：5V-1.5A，兼容手机标准USB充电器
Lithium battery and charger is supplied. Constant current and voltage charge power supply:5V-1.5A. Charger compatible to standard mobile phone USB.

工作环境温度：Work Ambient Temperature:0℃—+60℃



产品特点:

- 嵌入式平台处理技术，集成度更高，运算速度更快，使用寿命更长。

The built-in platform provides higher integrity, faster calculation speed and longer life-time

- 采用更加先进的测控技术，透明线材和非透明线材均可准确测量。

Advanced technology provides accurate measurement and control for both transparent and semitransparent wires

- 超大容量数据储存空间，一次性可以储存十万个数据以上，保存数据自动标注有时间、检验员、机台号、线号、盘号等信息，非常便于监督管理和后期查询。

Super large storage capacity can store more than 10 thousand data which are identified with time and date, inspector, machine number, wire number and bobbin number etc. to facilitate management and query.

- 超高测量精度，测量精度最高可达万分之一。

Accuracy is as high as 0.001%.

- 采用高分辨率多彩触摸液晶屏和OLED液晶屏双屏双角度显示，主屏可随时关闭和开启。

Dual-angle display is achieved with both high resolution touch screen and OLED. The main screen can be open and closed freely

- 通讯和充电接口采用与手机数据线兼容的标准USB接口，具备有线、无线通讯功能，可靠性更高。

The communication and charge interface is compatible with the same of standard USB of mobile phone and communication in both wire and wireless modes leads to high reliability.

- 采用触摸屏操作、菜单式界面，更加符合使用习惯，操作更加方便简捷。

Operation on touchscreen and menu interface becomes easier and more convenient.

- 采用流线型外形设计，更加小巧轻便、更加易于操作和携带。

Streamline design achieves smaller size and easier handling.

- 采用高效大容量聚合物锂电池，待机时间更长，充满电后可使用8小时以上。

High efficient polymer lithium battery leads to longer standby time and more than 8 hours work duration.

- 采用行业内首创的智能化校准模式，省去人工繁琐的校验数据设置和反复调教过程。

The smart mode calibration is the pioneer in the industry which makes complicated manual calibration settings and repeated calibration unneeded.

- 配备功能完善的上位机统计分析软件，数据可实时无线上传，可后期有线导入。

Upper stream statistic and analysis software enables real-time wireless upload and data import afterwards