

DP-30气溶胶光度计

DP-30 aerosol photometer

产品简介:

PRODUCT INTRODUCTION:

DP-30是苏州鸿基洁净生产的一款填补国内空白的光度计，已经同时申请了国家发明专利及实用新型专利;该仪器主要用于现场高效过滤器系统的完整性检测。其扫描探头可以提供主机的全部操作功能。

经过性能验证，已经用数据及事实证明其在灵敏度、精度、重复性等多项技术指标完全达到国际先进水平，单项关键指标比如自净时间已经超越了国际知名品牌。

DP-30 aerosol photometer produced by Suzhou HjClean, which fills the domestic gap and has applied for both national invention patents and utility model patents; This instrument is mainly used for integrity testing of on-site high-efficiency filter systems. Its scanning probe can provide all operational functions of the host. After performance verification, it has been proven through data and facts that it has fully reached the international advanced level in multiple technical indicators such as sensitivity, accuracy, and repeatability. Single key indicators such as self purification time have surpassed internationally renowned brands.



性能参数:

PERFORMANCE PAPAMETERS:

尺寸(mm) Size(mm)	260*370*160
重量(kg) Weight(kg)	10kg(主机)+&.5kg(探头)=10.5kg 10kg(host)+0.5kg(probe)=10.5kg
仪器外壳 Instrument housing	仪器外壳是坚固的，压铸的铝制外壳。当内部零部件维修和再校准时，很容易组装外壳有一个提手，方便搬运和查看数据 The instrument housing is a sturdy, die - cast aluminum shell. It is easy to assemble when the internal components need maintenance and recalibration. The housing is equipped with a handle, which facilitates transportation and data viewing.
电源 Power supply	AC220V 50/60HZ
自动量程 Automatic range	自动地由0.0001%到100.0% Automatically from 0.0001% to 100.0%
警报器 Alarm	声音报警部分可用被取消当超过可调的设置点时，内置音频警报器发声。控制而板和扫描探头上的视频警报器闪烁。 When the adjustable set point is exceeded, the built-in audio alarm will sound. The video alarm on the control panel and scanning probe flashes. The sound alarm section can be cancelled.
可设定气溶胶原液 Aerosol stock solution	PA0油 PAO oil
动态范围 Dynamic range	高达600ug/L Up to 600ug/L
灵敏度 Sensitivity	在大于或等于0.01%到100%范围内读数的1% The deviate in reading within the range of 0.01% to 100% is ± 1%
重复性 Repeatability	在大于或等于0.01%到100%范围内读数的0.5% The deviate in reading within the range of 0.01% to 100% is ± 0.5%
光源 Light source	长久的，稳定的，固态的散射小室光源。光度计在低电量下进行操作，产生较少热量和较低偏离值 A long - lasting, stable, solid - state light source for the scattering chamber. The photometer operates under low power conditions, generating less heat and having a lower deviation value.
输出 Output	USB连接或外接打印机(选配) USB connection or external printer (optional)
报告 Report	连续模式，存储模式，打印模式 Continuous mode, storage mode, printing mode
电类安全 Electrical safety	CE,FCC,EN61010-1:2010,EN61326-:2006
随机附件 Standard accessories	上游取样管;操作说明书;电源线 Upstream sampling pipe; Operation manual; Power cord
可选配件 Optional accessories	运输箱:可提供聚合泡棉垫，可锁定的坚固运输箱，可放置DP-30主机，探头，管嘴和操作说明书 Transport box: Comes with polymer foam pads, a sturdy, lockable transport box that can accommodate the DP-30 host, probe, nozzle, and operation manual.
扫描探头 Scanning probe	坚固、舒适手柄设计，配2.5m连接装配，2.8寸液晶显示，超标警报时闪光(可选择);软探头360度方向可调 Durable and comfortable handle design, equipped with 2.5m connection assembly, 2.8-inch liquid product display, flashing when exceeding the limit alarm (optional); Soft probe with 360 degree adjustable direction.
打印机 Printer	可连接DP-30气溶胶光度计实时打印输出报告 Real time printing and output of reports

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产品特点:

PRODUCT FEATURES:

- 1、更加友好的界面 - 主机采用 3.5 英寸的 LCD 显示, 操作界面简洁方便, 并增加了实时浓度数据, 采用主题驱动型界面, 容易使用气溶胶的测量, 真空泵的取样速度在 LCD 上都有明确的显示, 很容易看到; 对于选择的报警类型, 报警点, 在 LCD 下面的菜单上都有指示; 在 LCD 顶部是显示连接状态、报警类型和报告类型等信息。
- 2、便携的扫描探头 - 扫描探头通过电路连接来作为一个主机的延伸, 所有主机的控状态, 选择图标都在 2.8 寸的 LCD 上有显示。这使检测人员大大提高了工作效率, 能够在检漏的同时立刻发现泄漏并作出提示。
- 3、测试结果追溯更容易 - DP-30 有三个独立的报告功能, 存储模式, 连续模式, 打印模式 (包括过滤器位置等内容可通过热敏打印机输出以便客户保存)。
- 4、性能保证 - DP-30 采用英国原装进口采样泵及日本进口光源, 核心部件传感器采用国内顶级的高精度加工技术 (与国内航空领域的技术要求同等标准), 本仪器已被独立的测试和验证, 符合电子和安全标准要求。
- 5、更完善快捷的售后服务 - DP-30 作为一款国内自主研发的光度计, 可以提供更低成本的售后服务, 2 小时内电话响应, 主机软件终身免费升级, 样机支持。

1. More user - friendly interface - The main unit is equipped with a 3.5 - inch LCD display. The operation interface is simple and convenient. Real - time concentration data has been added. It adopts a theme - driven interface, which makes it easy to measure aerosols. The sampling speed of the vacuum pump is clearly displayed on the LCD, making it easily visible. For the selected alarm type and alarm point, there are indications on the menu below the LCD. At the top of the LCD, information such as connection status, alarm type, and report type is displayed.
2. Portable scanning probe - The scanning probe is connected via a circuit and serves as an extension of the main unit. All control states and selected icons of the main unit are displayed on the 2.8 - inch LCD. This greatly improves the work efficiency of inspectors, enabling them to immediately detect and prompt for leaks during leak detection.
3. Easier traceability of test results - The DP - 30 has three independent reporting functions: storage mode, continuous mode, and print mode (including filter position and other content, which can be output through a thermal printer for customers to keep).
4. Performance guarantee - The DP - 30 uses a sampling pump imported from the UK and a light source imported from Japan. The core component sensor adopts top - notch high - precision processing technology in China (meeting the same standards as the technical requirements in the domestic aviation field). This instrument has been independently tested and verified and complies with electronic and safety standard requirements.
5. More complete and rapid after - sales service - As a domestic independently developed photometer, the DP - 30 can provide after - sales service at a lower cost. It offers a 2 - hour telephone response, free lifetime software upgrade for the main unit, and support for prototype machines.

标准配置:

STANDARD CONFIGURATION:



主机
Main unit



扫描探头
Scanning probe



打印机
Printer



上游采样管
Upstream sampling tube



信号线
Signal wire