

Instruction of Handheld Digital Manometer D485 D485手持式差压计使用说明书

Technical parameters

技术参数

Servies: air and compatible gases

●用途: 空气和兼容的气体

Wetted Materials: black aluminum housing

●材料: 铝合金黑色外壳

Accuracy: $\pm 0.5\%$ F.S.

●精度: $\pm 0.5\%$ F.S.

Pressure Hysteresis: $\pm 0.1\%$ of full scale

●压力滞后: 全部的 $\pm 0.1\%$ FS

Pressure limits: see following table

●限制压力: 参照图表

Temperature range: 0 to 40°C (32 to 104° F)

●工作温度: 0~40°C (32~104° F)

Storage Temperature range: (-20 to 80°C)

●存储温度范围: -20~80°C (-4~176° F)

Display: LCD

●显示: 液晶显示

Resolution: 1 Pa

●分辨率: 1 Pa

Power supplier: 9 volt alkaline battery (up to 100 using hours). Battery not connected.

●电源: 9V碱性电池。达到100小时操作要求, 电池不能短接。

Weight: 261 g (Net weight)

●重量: 261g (净重)

Connections: Two quick connectors with (3.18mm)

●压力连接: 两个快速接头1/8" (3.18mm)

Size: 138mm H×71mm W×26 mm D

●尺寸: 138×71×26 mm



- 最低量程范围0~100Pa (0.4 in. W.c.)
- 测量正压, 负压和差压
- 耐用的铝合金黑色外壳
- 易于读数的0.4" 大屏幕LCD显示
- 带有可开关的背光, 在任何地方都可以读数
- 有多种英制/公制单位可供即时选择
- 一个9V电池供电可工作100小时
- 可实现量程校准

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Operating Instructions

操作说明

On/➡

Switch / Return key: Pressing the key to switch on the instrument, pressing the key and holding it for 5s to switch off the instrument.

开关/返回键: 按一下打开仪表; 工作状态长按(5秒)关闭仪表。

ZERO

Zero key: Before using, the instrument should be re-adjusted. Pressing ZERO key for 2s while the low pressure port and the high pressure port are open to the air.

清零键: 由于温度变化的影响, 使用前需重新调整。方法是将高、低压口同时通大气, 长按(2秒)自动清零。

HOLD

Hold key: Pressing HOLD key to display the last measured value, inconvenient for customers to read the data if not convenient.

锁定键: 按一下仪表显示数值保持为最后时刻测量值, 方便客户在不方便读取数据时使用。

MAX/MIN

Max./Min. key: Pressing Max./Min. key to display the measured maximum and minimum values during this measuring period. Pressing this key again, the above values are cleared automatically.

最大最小值键: 按下显示测量时间段内最大和最小值, 再按一次前次最大最小值自动清除。

OK

Menu / Select key: Pressing this key, the following functions are displayed: automatic clear, unit choice, backlight switch, Chinese-English. Selecting the function with the Page Turning Key and then pressing OK key to confirm.

菜单/选取键: 按下显示仪表菜单, 包括自动清零、单位选择、背光开关、汉英切换功能, 通过翻页键选择要选的项目按下OK键选择。



Flip key: Page turning key: getting the selected item with this key after entering the menu.

翻页键: 进入菜单后通过此键选取菜单所示项目。

过压 overpressure

The measured pressure should not exceed the pressure limit of instrument (see the table). Recommended pressure should not exceed the maximum pressure meter, or will cause permanent damage to instrument.

不同量程的表, 过压值也不同(具体请参考上图的表格)。建议使用的压力不要超过仪表的最高压力, 否则会造成仪表永久性的损坏。

电池安装 Battery installation

Removing the four screws on the back side of instrument and opening the cover. Attention the polarity. 卸下固定底部的四个螺钉并打开后盖。连接到电池密封夹, 并注意正确的极性。

量程标定 Scale calibration

It achieved through key combinations. If the customer does not have calibrate equipment, please do't use this function. For details, please contact with Duwei company.

通过组合键实现, 本功能仅对计量局开放, 建议没有标定设备的客户不要使用此功能, 详情请咨询杜威仪表。