Workshop: MS 系列天平与 PC 连接实现结果输出(USB 接口)

LabX direct软件是专为将天平称量数据传输到打开的应用程序(如EXCEL表格)的简单软件,而MS系列天平可通过标配的USB接口与电脑进行连接,并通过LabX direct软件支持实现结果输出功能。

操作练习的目的:

了解如何通过USB接口连接电脑,并通过LabX Direct软件实现在应用程序(如Excel表格)的结果输出功能。

1. 电脑设置

- ➢ 安装 NewClassic 新经典系列天平的 USB 驱动程序;
- ▶ 使用 USB 电缆线连接电脑与天平;
- ▶ 电脑发现新的硬件向导,并进行安装,使"Windows"通过对 USB 接口连接的确认。

Welcome to the Found New Hardware Wizard		
This wizard helps you install software for: USB CDC serial port emulation		
If your hardware came with an installation CD or floppy disk, insert it now.		
What do you want the wizard to do?		
 Install from a list or specific location (Advanced) 		
Click Next to continue.		
	Welcome to the Found New Hardware Wizard This wizard helps you install software for: USB CDC serial port emulation If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.	Welcome to the Found New Hardware Wizard This wizard helps you install software for: USB CDC serial port emulation Image: Serial port emulation

Har dwa	re Installation	
<u>.</u>	The software you are installing for this hardware: USB CDC serial port emulation has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing. Continue Anyway STOP Installation	第二步: 点击继续:

Found New Hardware Wizard	
Completing the Found New Hardware Wizard The wizard has finished installing the software for: USB CDC serial port emulation Click Finish to close the wizard.	第三步: 点击安装完毕

- 2. 天平设置
- > 短按《↓↓》键进入天平主菜单,此时屏幕显示第一个菜单选项;
- ▶ 通过《+》、《一》或《运》键前后显示各选项,选择"INT.FACE"菜单,并按《↓ 》 键进入一级菜单;
- ▶ 通过《+》、《-》或《运》键前后显示各选项,选择"USB"菜单,并按《→》键进入二级菜单;
- ▶ 通过《+》、《一》或《送 》键前后显示各选项,根据客户需求进行设置,按《↓ 》 键确认,并返回上级菜单::
 - SEND.ALL 按□□□键后,进行数据传输(无论称量结果是否稳定)
 - SEND.OFF 数据传输模式关闭;
 - SEND.STB 按□____〕键后,当称量结果稳定后,进行数据传输;
 - SEND.CONT 无需按 键, 所有变化的称量结果都可进行传输(无论称量结果是 否稳定)
 - SEND.AUTO 当称量结果稳定后,数据会自动传输至应用程序内
- ▶ 按《↓↓ 》键出现"SAVE。YES",再按《↓ 》键确认保存。

3. 数据传输

通过 LabX direct 软件支持,将称量结果传输至应用程序中(如 EXCEL 表格)。 *LabX direct 软件操作方法详见:*

《Workshop: LabX direct Balance 实现数据传输至 Excel 文件》