

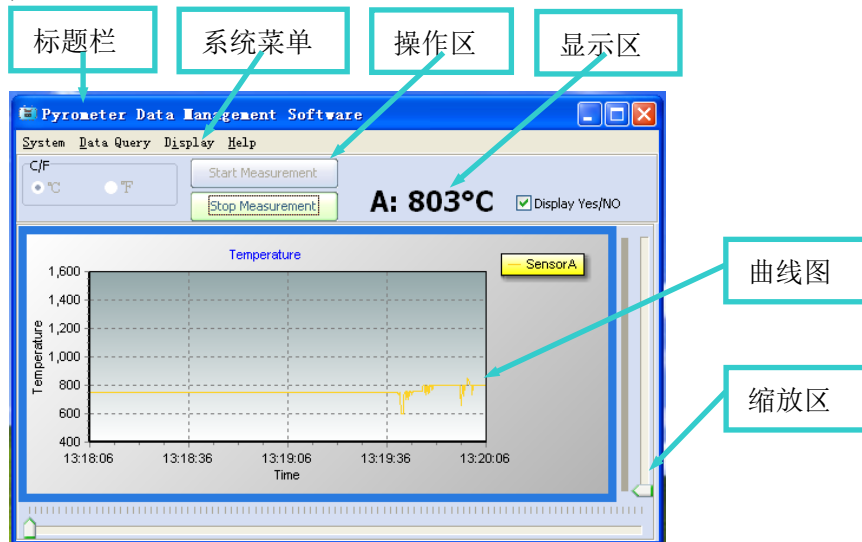
TM-01 红外测温仪软件

概述

TM-01 红外测温仪软件为思捷光电红外测温仪远程控制的专用上位机软件，该软件是基于 Mysql 数据库系统开发的，有中英文两个版本可供用户选择。

通过该红外测温仪软件可远程修改红外测温仪的各项参数，记录温度测量曲线，最多可支持 26 台红外测温仪的组态。用户可通过测温软件采集和记录测温数据，并可记录和查询历史数据。该软件也可对红外测温仪进行标定。

软件介绍



菜单

主菜单分为 System、Data Query、Display、Help。

System 下又包含 Database Setting、Sensor Maintenance、COM Port Setting、Chart Coordinate Setup、Search、Change password、Close。

Data Query 包含 History Data。Display 包含 Chart、Value。Help 包含 About。

操作

检查红外测温仪的波特率设置，推荐波特率为 9600 或 19200。红外测温仪用数字表示地址码 0-25 与英文的 A-Z 相对应。

点击 System – Sensor Maintenance 会弹出 Sensor Maintenance 对话框：

(1) 双色测温仪参数修改

Sensor Maintenance

Basic Information
Sensor Name: A Sensor Address: A

Command Code

One/Two Color Select: One Color Mode Choose Two Color Mode: 1.000 Choose 0.850~1.150

One Color Mode: 1.000 Choose 0.100~1.000 Display Mode Setup: Average Choose

Response Time: 000.1 Choose 000.0~999.0 Temperature Unit: C Choose

Upper Limit Alarm: 1600C Choose xxxx C/F Lower Limit Alarm: 0600C Choose xxxx C/F

Analog Span Start Temperature: 0600C Choose xxxx C/F Analog Span End Temperature: 1600C Choose xxxx C/F

Aiming Laser Status: Turn the aiming laser off Choose Alarm deadband coefficient setup: 0.001 Choose 0.000~0.500

Baud Rate Selection: 9600 Choose

Only use for calibration
One color full scale adjustment: 0.75 Choose 0.30~3.00 one color zero compensation: -0.00 Choose -1.00 ~ +1.00
Two color full scale adjustment: 1.000 Choose 0.990~1.010

Calibration password:

Display Yes/NO

(2) 单色测温仪参数

将 Two Color Mode 的值改为 0.000，隐藏双色的功能。

Sensor Maintenance

Basic Information
Sensor Name: A Sensor Address: A

Command Code

One Color Mode: 1.000 Choose 0.100~1.000 Display Mode Setup: Average Choose

Response Time: 00.01 Choose 000.0~999.0 Temperature Unit: C Choose

Upper Limit Alarm: 1100C Choose xxxx C/F Lower Limit Alarm: 0300C Choose xxxx C/F

Analog Span Start Temperature: 0300C Choose xxxx C/F Analog Span End Temperature: 1100C Choose xxxx C/F

Aiming Laser Status: Turns the aiming laser off Choose Alarm deadband coefficient setup: 0.001 Choose 0.000~0.500

Baud Rate Selection: 9600 Choose

Only use for calibration
One color full scale adjustment: 1.09 Choose 0.30~3.00 one color zero compensation: -0.10 Choose -1.00 ~ +1.00

Calibration password:

Display Yes/NO

曲线图查看

