



JAD SMART Intelligent Fume Hood Touch Screen Control System SHT-5361



JAD SMART SHT-5361 is an upgraded version of the JAD SMART SHT-5360 series of intelligent fume hood touch screen, an integral part of smart ventilation fume hood control system.

This smart touch screen working in conjunction with JAD SMART VVA Variable Volume Venturi Valve is suitable for applications such as constant volume, multi-stage or variable air volume fume hood systems. The system uses a sash sensing technique to detect the fume hood sash height and adjusts the venturi valve exhaust to maintain a constant face velocity through a command and feedback checking loop. In addition, an optional side wall sensor JAD SMART KFV can be incorporated to display the real time face velocity instead of the derived face velocity from venturi valve exhaust.

The smart touch screen provides user with a visual interactive interface, convenient and user friendly to operate, important safety features such as face velocity and purge mode are clearly displayed and both visual and audio alarm are activated whenever there is a safety breach. SMART SHT-5361 is widely used in critical environment such as clean rooms, chemical or biological laboratories, vivaria, pharmaceutical and hospital environment.

FEATURES

- Suitable for use with SMART VVA Variable Air Volume Venturi Valve.
- 6.8 inch high resolution color touch screen.
- Sleek industrial design, integrated aluminum-magnesium alloy cover.
- English or Chinese display.
- Metric or Imperial unit display.
- Dynamic real-time display of various parameters.
- Visual and Audio alarms of different states such as Normal, Critical and Alarm Mode.
- Running Status display with text and pictorial image.
- Touch and slide operation for Normal/Emergency/Standby and Shutdown Mode switching.
- Password protection for on-site parameter setting.

TECHNICAL SPECIFICATIONS

DISPLAY SCREEN TFT

DISPLAY METHOD Graphics, colors and texts

TOUCH SCREEN Capacitive

DISPLAY CONTENT Fume hood operating parameters

RESOLUTION 1280*480

POWER SUPPLY 12VDC, (from VVA or others)

SCREEN COLOR 65596C, 16RGB

COMMUNICATION RS485, MODBUS RTU

DISPLAY SIZE 161.3 x 60.9 (mm), 6.8 inches

BAUD RATE 115,200

EXTERNAL DIMENSION 203 x 71.2 x 17.4 (mm)

COVER MATERIAL Aluminum-magnesium alloy

OPERATING TEMPERATURE 0°C to 50°C

OPERATING RELATIVE HUMIDITY 10% to 90% non condensing

INSTALLATION METHOD Surface Mounted (Fume Hood Side)

CERTIFICATION ROHS, CE



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