VISIchart™

Intelligent Data Acquisition and Monitoring System

CompAS Controls' VISIchart system enables users to monitor and archive, process and product parameters for Heat Treating applications. The system can either complement or replace existing chart recorders.

Highlights of VISIchart system are:

- Easy to use Human Machine Interface (HMI)
- 24/7 Process Monitoring
- Automatic Data Collection and Storage
- Intuitive Data Display
- Process Alarms
- Internet Capability
- Easy Integration with third party database software such as Visual Shop
- Client/Server architecture

VISIchart includes several individual modules that can work with most controllers or data acquisition hardware.

Data Display (HMI)

VISIchart system provides enhanced functionality and convenience that is not offered in traditional paper-type chart recorders. VISIchart displays and stores real time temperature, dewpoint, and atmosphere/pressure data on a standard PC. For Heat Treating applications requiring tight tolerances, the system offers an accurate way to display and record process data.
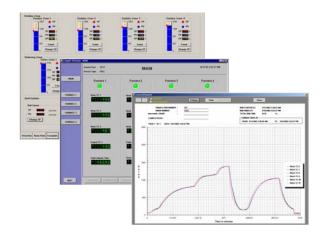
Data Archival

All of the recorded data carries date, time, user, and job stamp and can be searched or retrieved using these fields. The collected data can be exported to a third party database or a spreadsheet application such as Microsoft Excel.

Report Generation

VISIchart system provides electronic and paper reports. Digital pictures of the work can be incorporated to illustrate work setup to the end customer. All reports carry a date and time stamp and can be customized per user specifications.

Alarms and Diagnostics

VISIchart system offers alarms for predefined conditions. An alarm is displayed when the system detects a process inconsistency. All alarms can be easily configured to fit the application.

Communications

VISIchart communicates with Heat Treating equipment using a variety of protocols over dedicated connections, modems, LANs and WANs. The system is compatible with most data acquisition hardware and Level 1 controllers (PLCs and SLCs). It can measure multiple channels of signals including temperature, dewpoint, and pressure.

Supported Protocols

• OPC	• RS422	• A-B
• RS485 Modbus	• RS232	• Honeywell
• Modbus TCP	• Ethernet	• Siemens
• RS485 ASCII	• TCP/IP	• Others....

3rd Party PLC – DCS – SLC -I/O Devices

• Eurotherm	• Siemens	• GE Fanuc
• Allen Bradley	• SIXNET	• Sierra
• Honeywell	• Watlow	• Others...

For more info call us at **(408) 730-5346** or email **info@comp-as.com.**