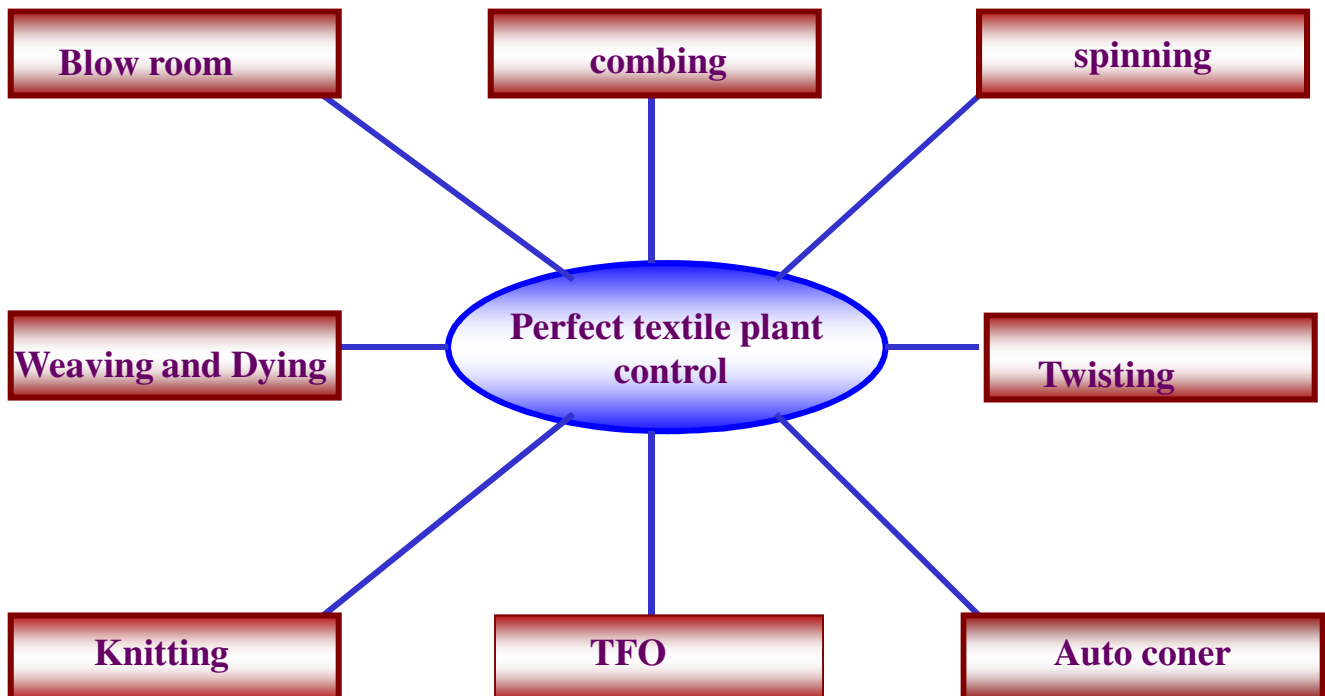
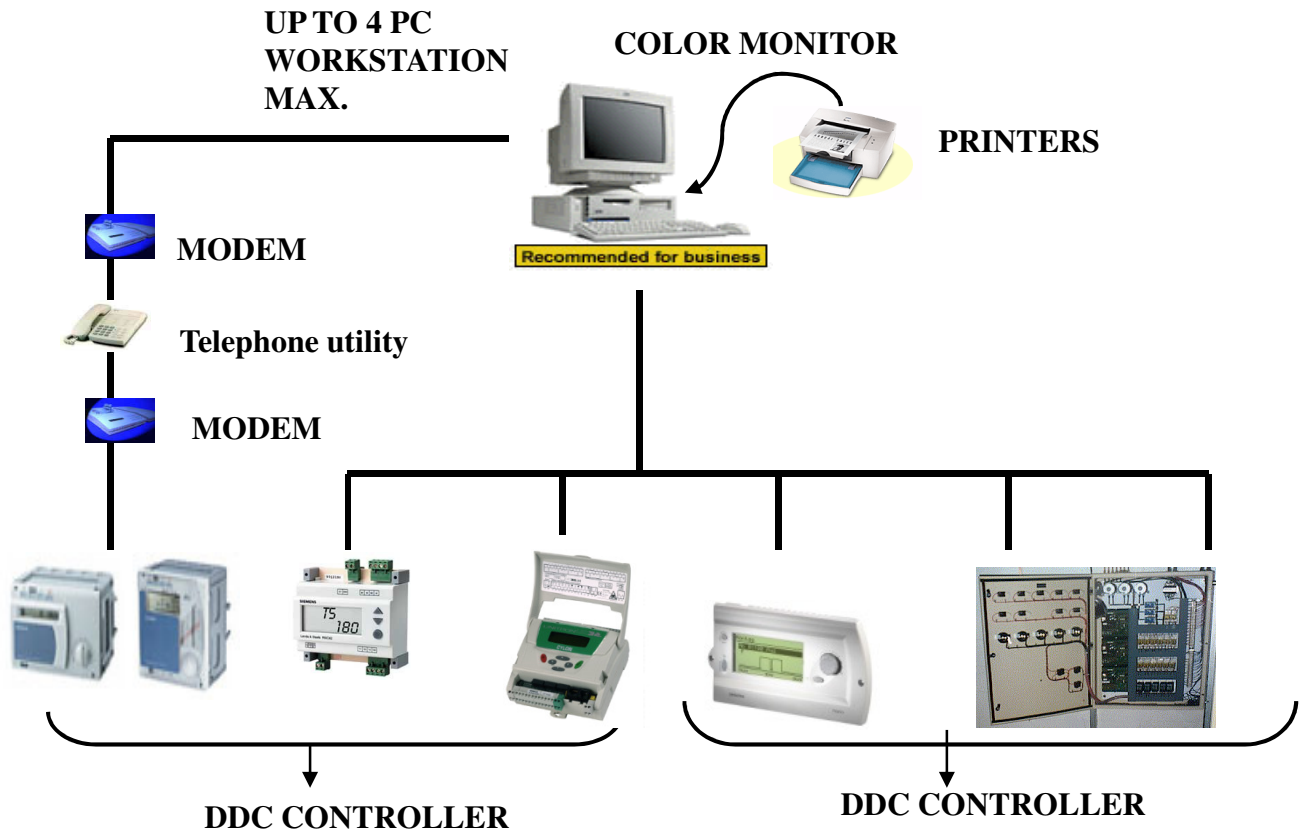




Centralized monitoring and control

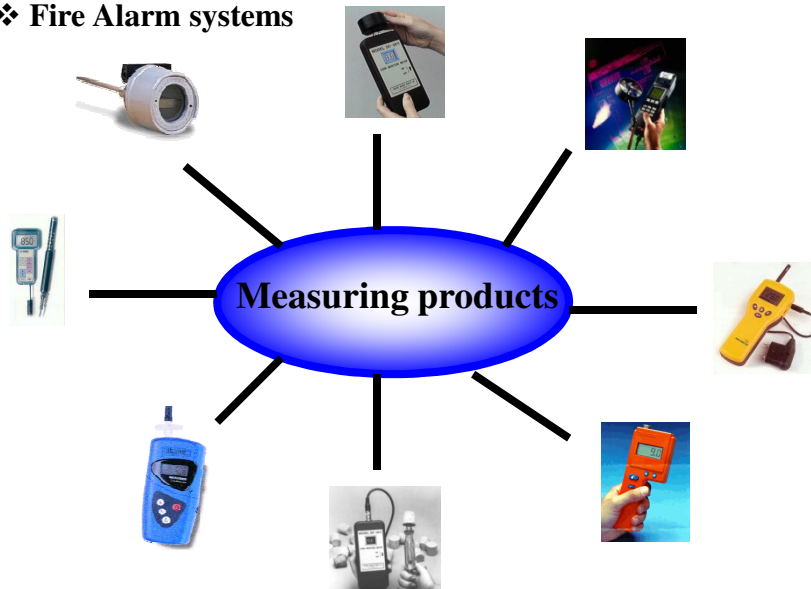
Graphical interface





Testing and measuring products

- ❖ Temperature & Humidity sensor
- ❖ Humidity & Temperature meter
- ❖ Moisture sensor & meter
- ❖ Cotton Moisture content tester
- ❖ Co2 sensor & meter
- ❖ Differential pressure switch
- ❖ Proximity switch & Photo electric sensor
- ❖ Limit switch
- ❖ Fire Alarm systems



Individual department control



Humidity

Temperature

Moisture content

Gas Level

PH, TDS control

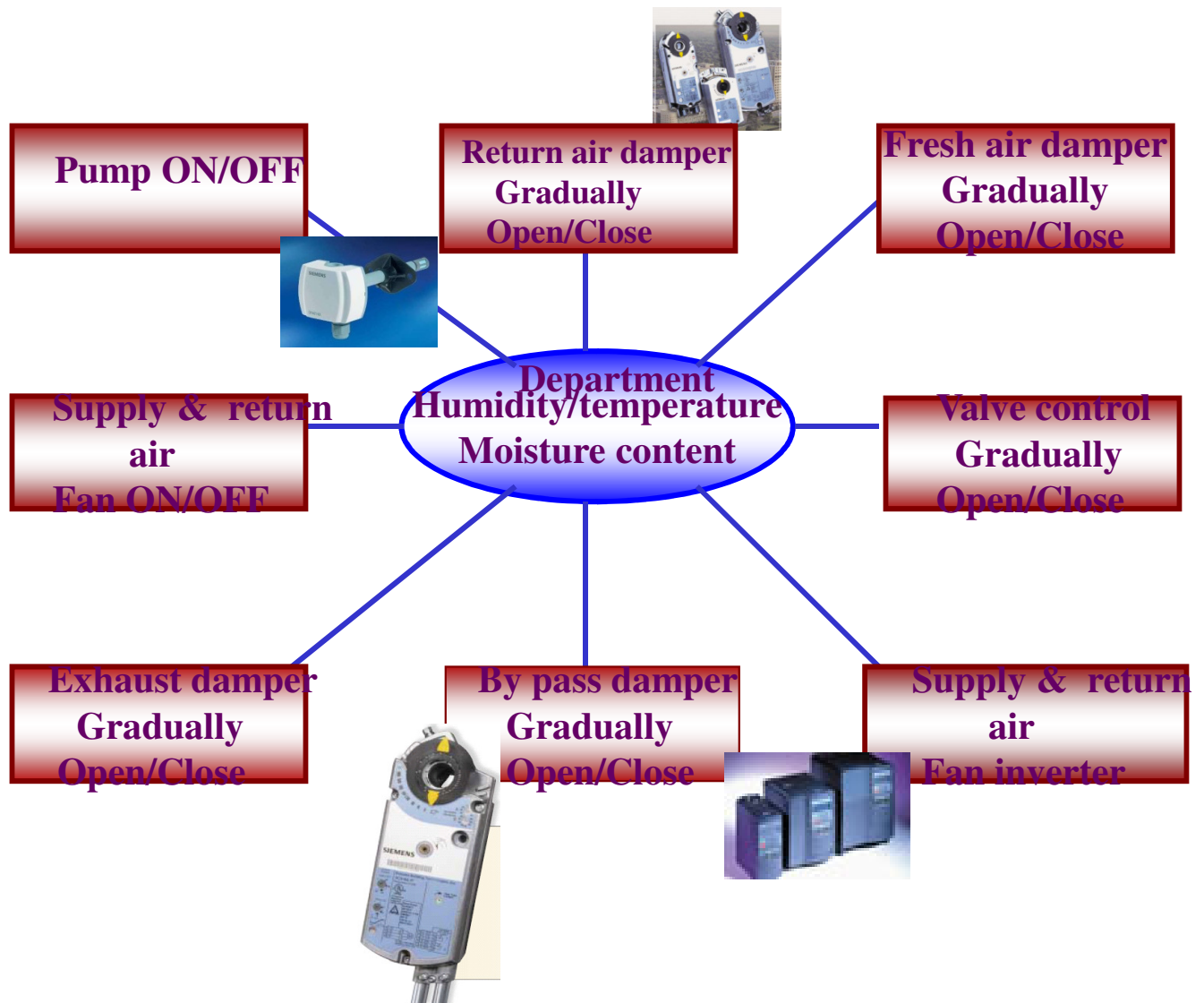
Differential pressure switch



By selecting the right control solutions, you can have total plant in your control and save energy at the same time. The impact on your bottom line will be immediate and in the long term, significant savings can be made.

Humidification plant automation

Depending upon the input /output summary, the desired level of relative humidity can be maintained in more than one department by a single controller





Humidity controller



Digital

Electronic Remote Humidity Controllers provide humidity control for any humidity application where electronic accuracy, as well as remote sensing, is desired.



Analog

Operates humidification equipment on RH fall or dehumidification equipment on RH rise with built-in sensor

Temperature controller



Digital

Electronic Remote Temperature Controllers provide on-off temperature control for any temperature control application where electronic accuracy in addition to remote sensing is desired.



Analog

Proportional Temperature Controllers for modulating control of water or air temperature in ducts, tanks and similar applications



Textiles process control

PH/TDS/Conductivity control:-

A range of analyzers and transmitters for use with to measure pH,ORP,or Sodium,chloride or Flouride.

* Integral electronics/sensor design,one or two point calibration,auto Buffer recongnition

PH electrode with transmitter



Conductivity/TDS/salt concentration analyzer



Temperature compensation unique to each reagent
Automatic calculation for percent rejection and percent passage, ratio, and difference
Concentration measurement for specific chemicals
A flexible display that reflects the appropriate unit of measurement TDS, conductivity, resistivity, concentration, calculated values.

Boiler/Furnace –Temperature,Steam pressure,Steam Temperature ,dying process controller etc:-

- Clear and informative operator interface
- Easy to setup and operate
- Straightforward installation and maintenance
- Single-button tuning for precise control
- Fuzzy logic overshoot surpression





Field Instruments

Compressor air flow consumption and leakage monitor

Flow Meters



Steam/Air/GAS Application:

1. Flow transmitter –orifice type
2. Vortex flow meters
3. Mass flow transmitters

Water application:

1. Flow transmitter –orifice type
2. Vortex flow meters

Effluent Application:

1. Electro Magnetic Flow meter
2. Flow transmitter –orifice type

Measuring pressures, temperatures, and flows effectively, accurately, and economically are the hallmarks of Yokogawa Smartline Transmitters. This comprehensive range of technically advanced field instruments offers major advantages for improving your process, complying with regulations and attaining high-quality standards. In addition, the life-cycle costs of buying and maintaining these sturdy instruments is lower than other comparable products.

Pressure transmitter and transducer



Humidity and Temperature transmitter



Smart Temperature Transmitters. Smart technology (Accur. +/- 0.01% of span-Digital STT350). Temperature by RTD or TC. Support for 4 wire RTD and differential measurements. Head, DIN rail or flame proof housing mount. Loop powered.



Recorders and Data Acquisition

Paper less recorders



Features

- Paperless Recording with Real-Time Measured Data Display
- 2, 4, or 6 Input Channels upto 64
- Ethernet 10-Base T Connection for FTP and Web Compatibility
- Up to 6 Digital Inputs and Digital Outputs
- PC or Front Panel Configuration
- Data Storage to 3.5" (1.44 MB) Floppy Disk
- Standard DIN Mounting for Direct Replacement of 100mm Chart Recorders

- 24 Analog inputs
- Accuracy 0.05%
- Configurable chart speed
- Options to include up to 36 logic inputs,48 alarm s inputs
- 36 relays,communication,math functions,upto 8 Retransmion
- outputs, Datalogging
- Roll or fanfold chart on the same cassette
- Periodic Reports on chart,comm or PC

Strip chart Recorders



Features

- Accuracy $\pm 0.35\%$ or $\pm 0.1\%$ Span (by Model)
- Up to 2 Inputs
- Fully User Configurable, No Jumpers or Rotary Switches
- Universal Power Supply
- Wide Choice of Output Types: SPDT, Solid State Relay, and Open Collector Outputs, plus Alarms
- Optional Digital Inputs with Control or Alarm Options for Switching Control Modes from a Remote Contact Closure

Circular Chart Recorders





Energy Management Systems Maximum Demand controller

Minimize your energy costs by controlling your

Maximum demand with this low cost controller



Non-domestic electrical power users often have to pay a maximum demand charge in addition to the usual charge for the number of units consumed.

Power meter/load manager

Single unit capable of measuring single or multi-phase power lines (up to 3-phase / 4-wire lines)



Automatic Power factor controller



Precise motor frequency regulation

variable frequency drives uses the latest IGBT frequency inverter technology for more efficient motor operation. These compact, lightweight drives are easy to install

and provide significant energy savings. Plus, they're built to last, allow easy commissioning and start-up

KW hr meter



Power transducer



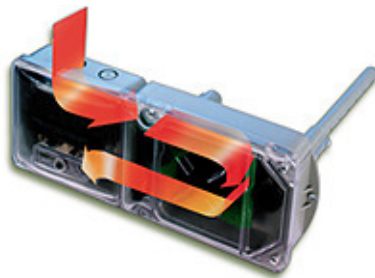
Variable Frequency Drives





Intelligent Fire Alarm systems

Intelligent smoke sensing in textile area
spark detector
Beam detector
Thermal detector
Co2 detector
WRS , blom room , cotton, yarn gowdown
And other waste collection area



Intelligent Advantages



1. Early Detection Minimizes Losses

2. Alarm Verification to rule out false and nuisance alarms

3. Exact pinpointing of location helps accelerate fire fighting operation

4. Intelligent annunciation facilitates early and easier

