

smank

Solutions | Technology | Knowledge

COMPLETE SOLUTION FOR

PHARMA & BIOTECHNOLOGY

MEASURE • CONTROL • OPTIMIZE

For Pure, Safe & Efficient Processes



HIGH
ACCURACY



RELIABLE
PERFORMANCE



HYGIENIC
& SAFE



COMPLIANCE
READY

INNOVATIVE INSTRUMENTATION
& AUTOMATION SOLUTIONS
FOR A BETTER TOMORROW

1. TRANSMITTERS

PRESSURE

- ★ Gauge Pressure
- ★ Differential Pressure
- ★ Absolute Pressure
- ★ Remote Seal Pressure

Pressure Switches

Multi Variable Transmitters



LEVEL

- ★ Radar Level Transmitter
- ★ Guided Wave Radar
- ★ Ultrasonic Level Transmitter



TEMPERATURE

- ★ Field Mounted
- ★ Head Mounted
- ★ DIN Rail Mounted

RTD Sensors

Thermocouple Sensors

Temperature Switches



WIRELESS

Wireless Transmitters

2. FLOW METERS

- ★ Electromagnetic Flow Meter
- ★ Ultrasonic Flow Meter
- ★ Coriolis Mass Flow Meter
- ★ Rotameter / Variable Area Flow Meter
- ★ Vortex Flow Meter

Turbine Flow Meter

Thermal Mass Flow Meter

Straight Tube Mass Flow Meter



3. LIQUID ANALYZERS

- ★ pH / ORP
- ★ Conductivity
- ★ Toroidal Conductivity
- ★ Dissolved Oxygen (DO)

Chlorine Analyzer

Ozone Analyzer

Hardness / Alkalinity

Turbidity / TSS

Effluent Water Quality Analyzer



4. TOC ANALYZERS

★ HT-110

★ TOCADERO EVO
Auto Sampler



5. CONTROL SYSTEM

★ PLC

★ DCS

★ HMI

★ SCADA

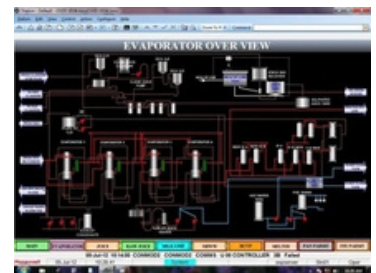
HC900

C300 Controller

ML200

Panel Building

Wiring



6. CONTROL VALVES

★ Diaphragm Valve

★ Angle Seat Valve

Control Valves

Tuning Fork



7. SWAS & MECHANICAL COMPONENTS

★ Steam & Water Analysis System Sample

★ Cooler

★ Pharma trap



Condensate Recovery Chiller System Back

Pressure Regulator

Flash Vessel

Steam Traps

VREL



8. SPECIAL PHARMA SYSTEMS

★ Mobile Solvent

★ Dispensing System



9. SPECIAL ANALYZERS

★ ppb DO Analyzer

★ Portable DO Analyzer

