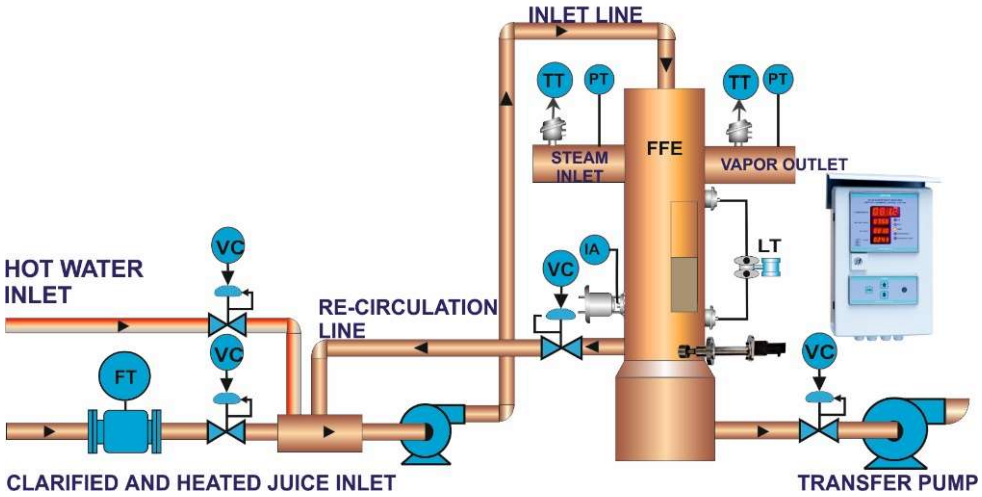
YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR BASED

EVAPORATOR AND FFE AUTOMATION



Servicing the Sugar Industry since 1978

YU Technologies Pvt. Ltd.

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E: info@yutech.in; sale@yutech.in W: www.yutech.in; www.yutechautomation.com

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

EVAPORATOR AUTOMATION - EVAPORATOR CONTROLS SCHEMATIC AND SCREENSHOT

SINCE 1978

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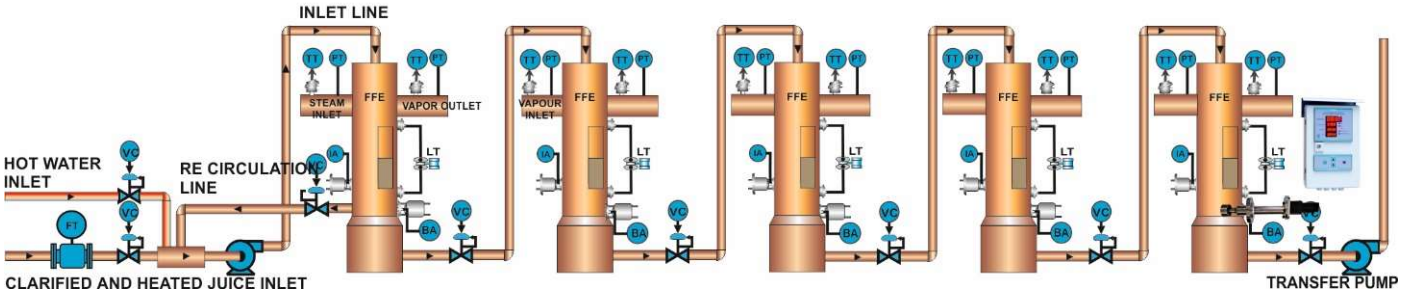
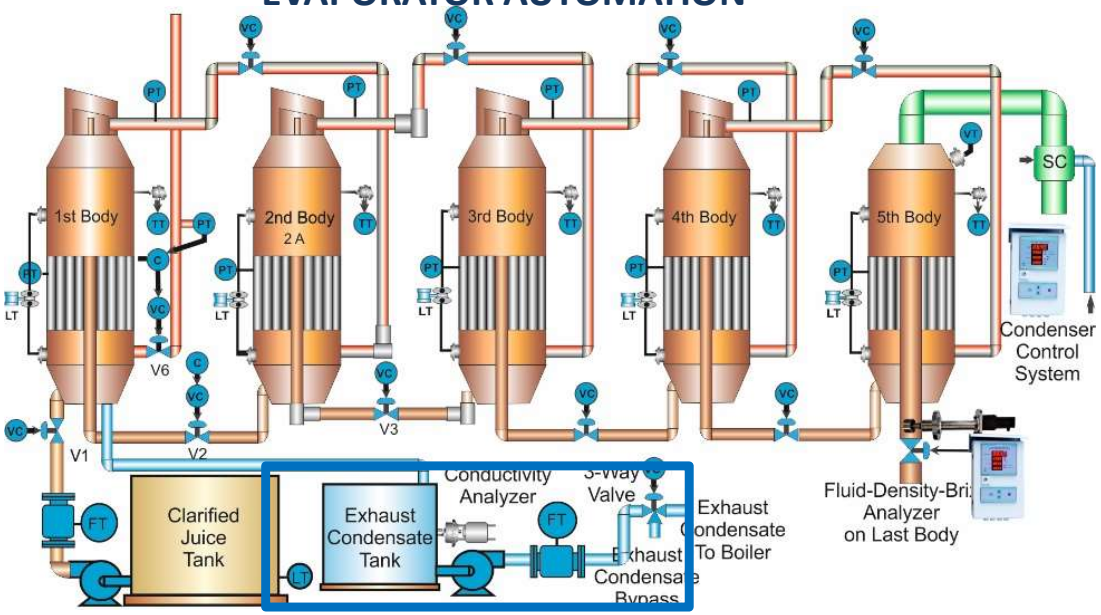
FFE AUTOMATION



FLUID-DENSITY-BRIX ANALYZER FOR LAST BODY BRIX SENSING

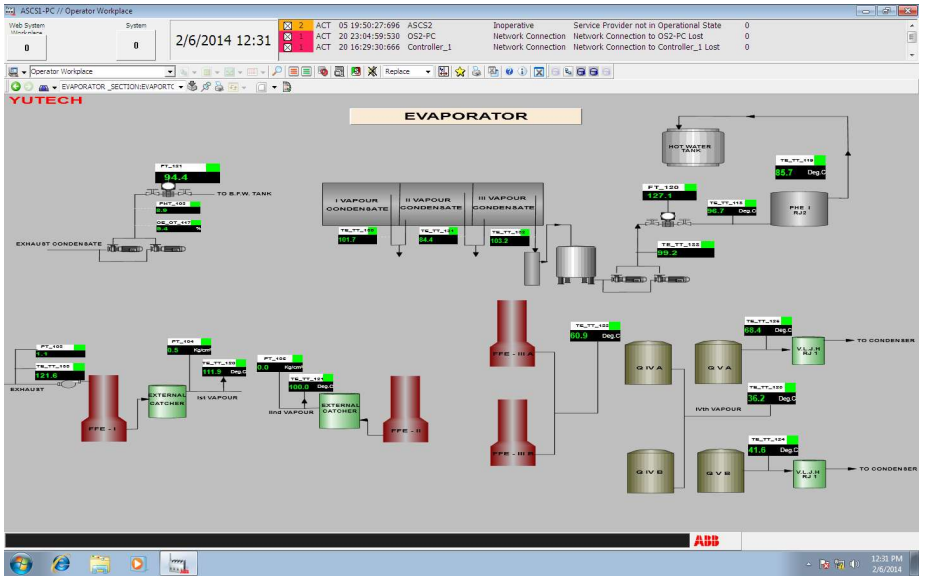
EVAPORATOR AUTOMATION



EXHAUST CONDENSATE BYPASS CONTROL:
EXHAUST CONDENSATE CONDUCTIVITY SENSING AND BYPASS USING 3-WAY VALVE

EVPORATOR AUTOMATION:

- FLUID-DENSITY-BRIX, LEVEL AND TEMPERATURE SENSING OF EACH BODY
- HEATING STEAM / VAPOUR TEMPERATURE AND PRESSURE SENSING
- LEVEL AND BRIX MAINTAINED IN EACH BODY
- PRECEDING BODY LEVEL SYNCHRONIZATION FOR ALL BODIES INCLUDING JUICE TANKS AND CANE CARRIERS
- INTELLIGENT DATA ANALYSIS WITH MAINTENANCE AND CLEANING ALARMING SYSTEM



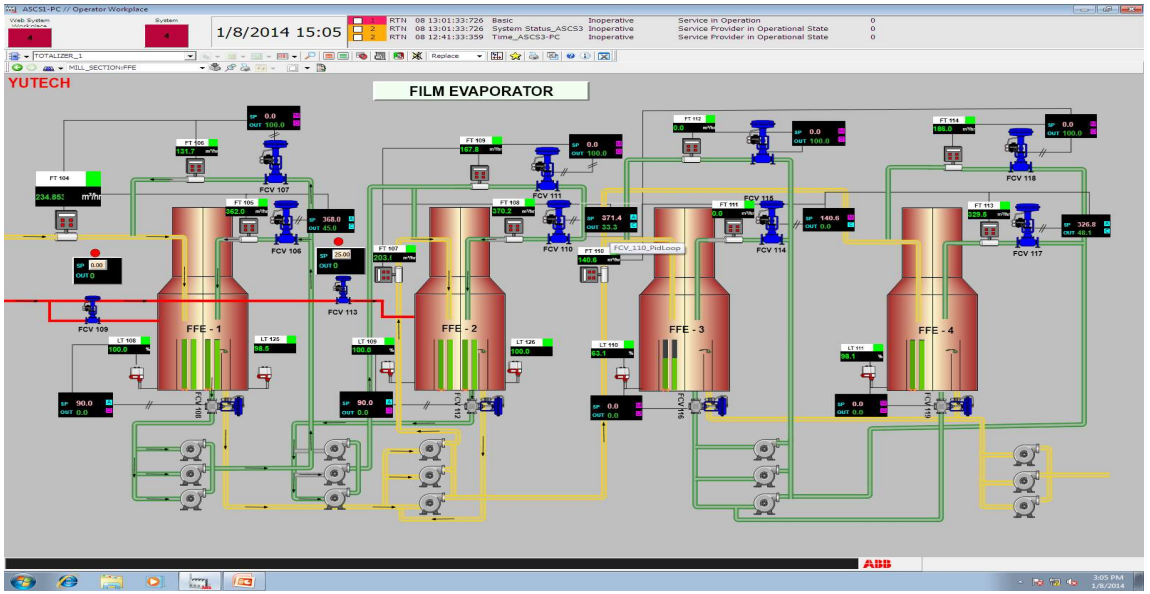
YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

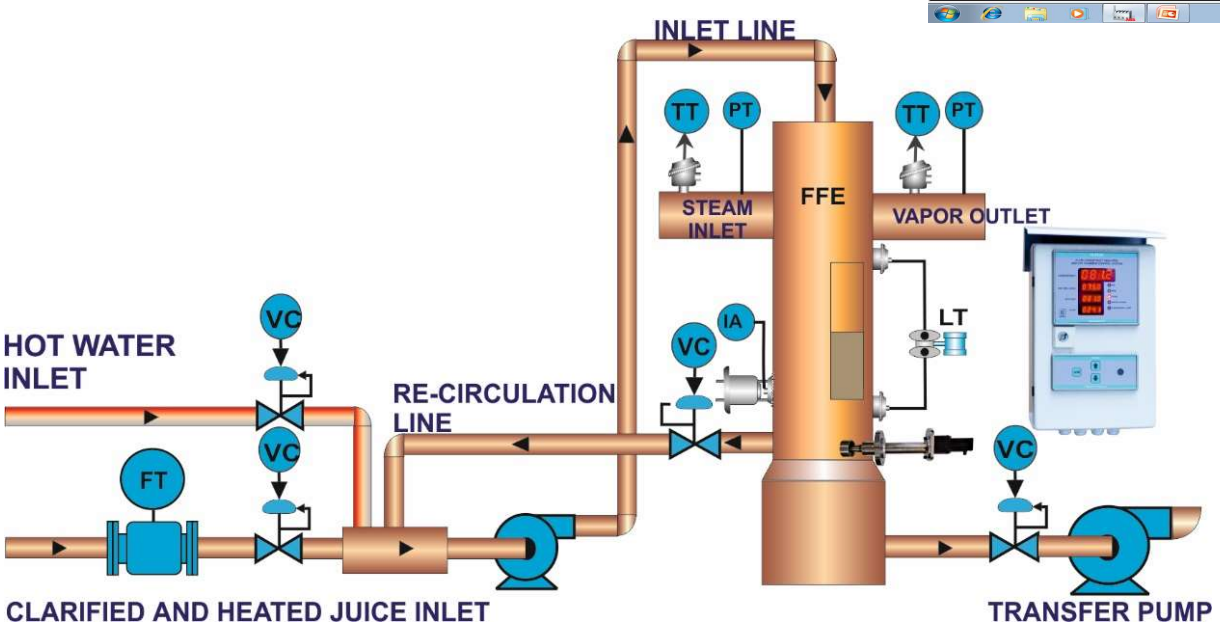
FFE AUTOMATION - EVAPORATOR CONTROLS SCHEMATIC AND SCREENSHOT

YUTECH SINCE 1978 ™

FALLING FILM EVPORATOR (FFE) AUTOMATION:

- EVAPORATOR LEVEL MAINTAINED FOR PROPER EVAPORATION AND VAPOR GENERATION.
- AUTOMATIC WATER INTAKE IF REQUIRED.
- INLET FLOW TO THE FFE BODY AND RECIRCULATION IN EQUAL OR IN PRESET PROPORTION.
- OPTIONAL INLET, RECIRCULATION AND BYPASS FLOWS MEASUREMENT AND CONTROL.





- FLUID-DENSITY-BRIX OF FINAL BODY MEASURED AND MAINTAINED
- INTELLIGENT DATA ANALYSIS WITH MAINTENANCE AND CLEANING ALARMING SYSTEM
- PRECEDING BODY LEVEL SYNCHRONIZATION FOR ALL BODIES INCLUDING JUICE TANKS AND CANE CARRIERS

YUTECH EVAPORATOR / FFE AUTOMATION USING FLUID CONSISTENCY-BRIX ANALYZER

SINCE 1978

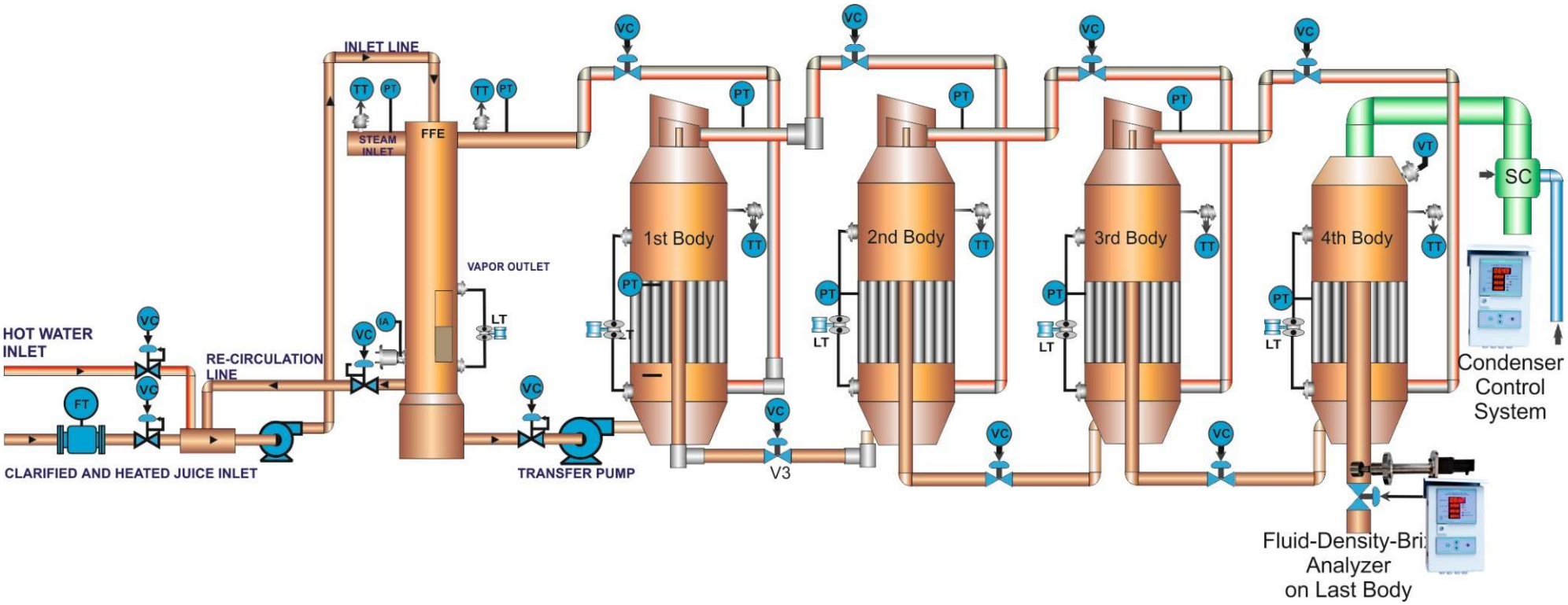
YUTECH

OLD ROBERTS OR SEMI-KESTNER BODY AND NEW FFE COMBINATIONS HAVE BEEN AUTOMATED USING COMBINATION OF BOTH LOGICS

New installations for expansion often have FFE installed instead of the Conventional Rising Film Evaporators. In such cases, our Hybrid Solution works very well.

The following Schematic Diagram shows that a Falling Film Evaporator is installed before the Quad Set of Conventional Rising Film Evaporators. In such cases, FFE Logic will be applied to FFE and Evaporator Logic to the following Evaporator Bodies.

There can be different combinations as per the factory conditions. Sometimes there are 2 FFEs followed by 2 or 3 Semi-Kestner or Roberts Body or a combination of Semi-Kestner and Roberts. All combinations can be easily addressed, and Logic developed accordingly.



YUTECH CONDENSER CONTROL SYSTEM FOR PANS AND EVAPORATORS

CONDENSER AUTOMATION USING YUTECH CONDENSER CONTROL SYSTEM

SCREEN SHOT: CONDENSER CONTROL SYSTEM IMPLEMENTED USING DCS / PLC

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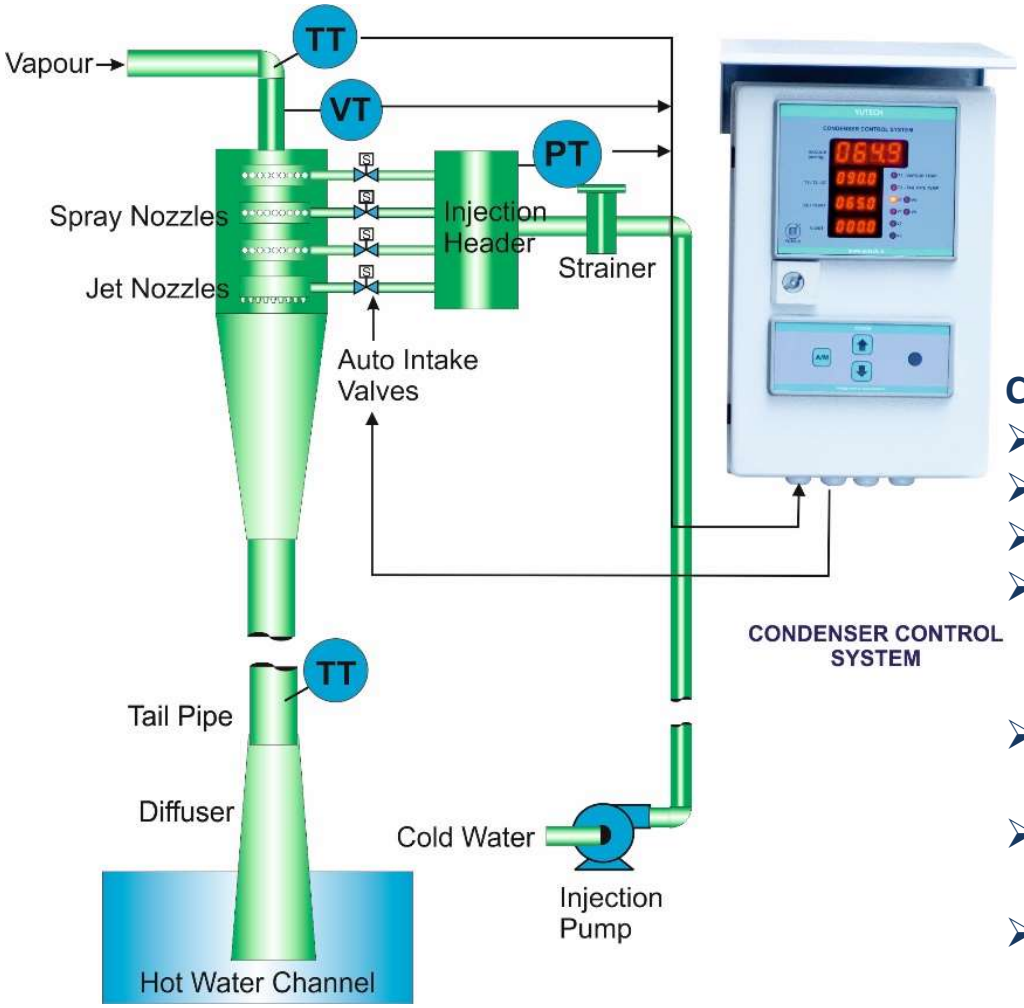
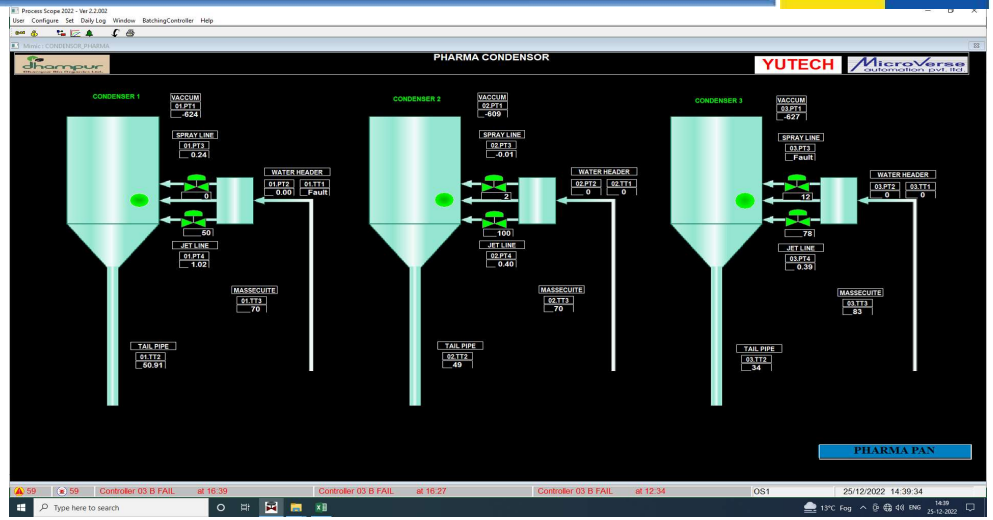
SCHEMATIC DIAGRAM AND SCREENSHOT: CONDENSER CONTROL





CONDENSER AUTOMATION:

- Vapour Vacuum and Temperature sensed
- Tail Pipe Condensate Temperature Sensed in Tail Pipe
- Temperature Difference Calculated
- Spray Jet Water Quantity is Automatically Controlled wrt Remote Set Point generated by Vacuum and Temperature difference.
- Number of Jets & Nozzles and Jet & Nozzle Diameters designed as per Condenser Capacity
- Control Valve is used to control Spray Jets in case of Single Entry Condenser.
- Water Pressure in the Common Injection Header maintained by Controlling Injection Pump VFD
- Jet Compartment Controlled by Separate Valve

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

BASED ON YUTECH'S A15 INTELLIGENT ANALYZERS AND SYSTEMS PLATFORM

SINCE 1978

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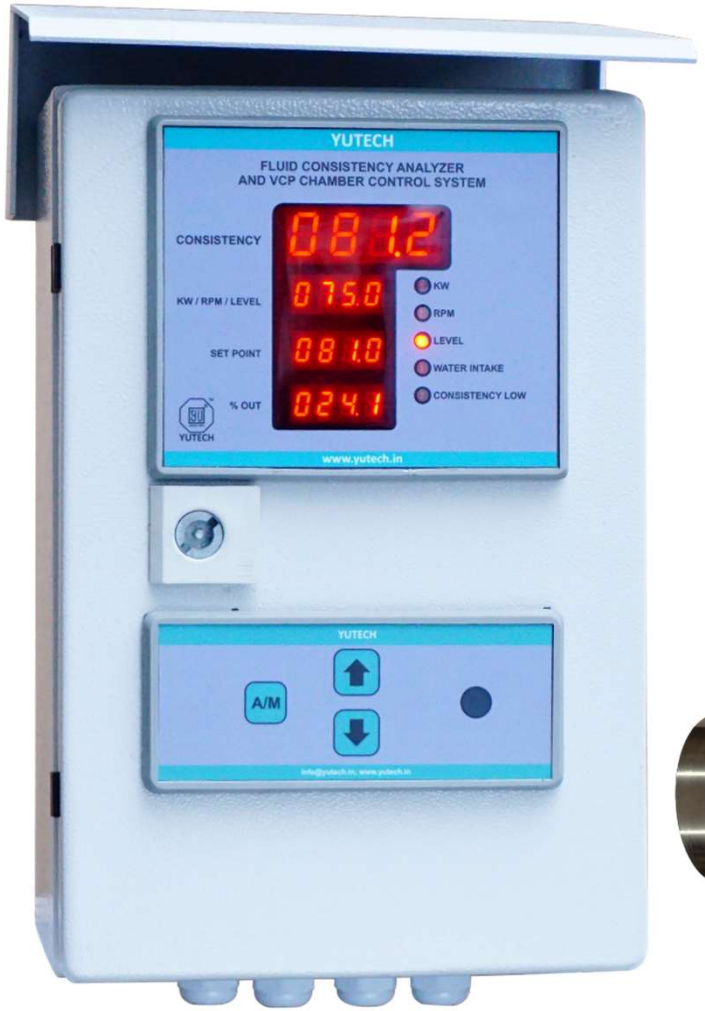


FLUID-DENSITY-BRIX ANALYZER AND CONTROL SYSTEM

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM

PRODUCT CODE:
ANALYZER MODEL: A15FDAACSCTRC1D4R4FM,
ANALYZER AND CONTROLLER MODEL: A15FDAACSCTRC2D4R4FMC
ANALYZER AND CONTROLLER WITH ETHERNET MODEL:
A15FDAACSCTRC2D4R4FMCEM (Modbus TCPIP)

MOTORIZED FLUID-DENSITY SENSOR

PRODUCT CODE: ASDMFDS24DCC01

MOTORIZED FLUID-DENSITY CONSISTENCY SENSOR

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

INTRODUCTION

BASIC SCIENCE BEHIND FLUID-DENSITY-BRIX:

- **Fluid-Density:** the Density of a particular Fluid.
- **Density:** is defined as "**Mass per unit volume**", which means it is the Mass contained in a fixed volume. It is denoted by "**ρ**" which is a Greek Letter called "Rho".
- **Density** can be derived using the formula "**ρ = m/v**" where ρ is the Fuild-Density, m is the Mass and V is Volume. The unit to measure Fluid-Density is **kg/m^3** (Kilogram per cubic meter).
- **Brix:** the measurement in percentage by weight of sucrose in pure water solution.
- Online Direct measurement of Brix in a Process Fluid is difficult, so indirect methods are used.
- **The most popular ways of measuring Brix are:**
  - **Hygrometric and Refractometric (Lab Methods)**
  - **High-Frequency or Radio-Frequency Conductivity type Brix Sensing**
  - **Microwave Type Brix Sensing**
  - **Fluid-Density Type Brix Sensing**
- While Conductivity or Microwave methods are very successful in measuring Brix of "B and C" Massecuite in CVP, Brix of Sugar Melt, and Brix in a Molasses Conditioner unit, they cannot measure Brix of "A" Massecuite as we measure the Fluid's electrical quality which is variable.
- Fluid-Density Measurement using a Motorized Stirring Sensor proves very successful as it directly measures the Fluid's mechanical quality of Fluid irrespective of its electrical characteristics. Thus measured Fluid-Density Value is further processed in the **Fluid-Density-Brix Equation,** to derive **Fluid-Density-Brix.**

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

SALIENT FEATURES

- Fluid-Density Type Brix Analyzer System targets sensing the Fluid-Density of Liquids, Slurries, or Syrups like Sugar Massecuite, Sugar Syrup, Sugar Melt, Liquors, and Molasses.
- The Motorized Fluid-Density Sensor is specially designed to be inserted in a vessel to stir the Fluid Media and Measure its Fluid-Density which can be expressed in simple terms as the Tightness or Thinness of a Fluid Media. It can also be informally referred to as the Consistency of the Fluid and is a Mechanical Property of a Fluid which in Liquids is directly proportional to its Viscosity.
- Motorized Sensor's torque and power which is required to stir the Fluid varies with varying Fluid-Density.
- The Motorized Fluid-Density Sensor's Power Consumption is directly proportional to the Fluid's Density.
- The variation in the Motorized Fluid-Density Sensor's Power Consumption is sensed by the Fluid-Density Type Brix Analyzer's highly accurate Sensing Circuitry, this deviation is further processed to Derive the Raw Fluid-Density Value.

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

SALIENT FEATURES

- The Raw Fluid-Density Value is Linearized in the YUTECH Fluid-Density-Brix Equation.
- The **YUTECH** Fluid-Density-Brix Equation is a complex Algorithm with Built-in Fuzzy Logic that Accurately Analyzes, Calculates, and Derives the Fluid-Density-Brix Value from the Raw Fluid-Density Value.
- This derived Fluid-Density-Brix Value is further analyzed and processed to compensate for Massecuite / Syrup Level variation within the Vessel.
- Fully Compensated and Accurate Fluid-Density-Brix Value is Displayed and Transmitted for Controls.
- Very Easy Calibration and Online Fluid-Density-Brix Compensation Recalibration
- 4-20 mA Output, Separate Modbus and Ethernet Communications.
- On-line Calibration Software “YUTECH-AccessApp” provides Remote Access to Consistency-Brix Analyzer for Calibration, Compensation, and Trouble Shooting.

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

SALIENT FEATURES

Innovative Features for Ease of Operation and to save on Installation Cost and Materials:

- **Built-in Fluid Consistency-Brix Equation**
- **Built-in Level Compensation**
- **Built-in PID Controller:**
  - Highly Accurate Fuzzy Logic PID Controller developed especially for Process Control and Flow Control Applications.
  - Pan Control Logic built especially for Batch type Vacuum Pan Operations
  - VC Pan Chamber Control Logic built especially for Vertical Continuous Pan Operations
  - CVP Pan Chamber Control Logic built especially for Continuous Vacuum Pan Operations
  - Melter and Molasses Conditioner Control Logic
  - Remote Set Variable Facility

- **Built-in 3-Point Auto/Manual Station to Select Control Output from:**
  - Selector Switch for Local PID Output or DCS/PLC PID Output
  - Manual Output for Trouble Shooting

  This feature simplifies installation by eliminating need for installing a Junction Box and Extra wiring.

SALIENT FEATURES

Innovative Features for Ease of Operation and to Save on Installation Cost and Materials:

- **Built-in Communications:**
  - **Ethernet:**
    - **Modbus TCPIP Ethernet Communication Protocol / Ethernet TCPIP**
    - **Analyzer Calibration Facility from DCS / PLC- SCADA / HMI System**
    - **External PID Controller Calibration Facility from DCS / PLC- SCADA / HMI System via Ethernet. Control Variables can be accessed and changed from DCS / PLC- SCADA / HMI.**
    - **Brix Data is Communicated for Data Acquisition and Data Storage within DCS / PLC- SCADA / HMI.**
  - **RS485: Modbus RTU on request in Base Model.**
  - **USB Communication Facility: For Calibration from PC or Android using System's USB Port. (This facility is available only in Controller with Ethernet Models).**
  - **YUTECH Access App: Calibration Software can be installed in a PC or Android.**

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

TECHNICAL SPECIFICATIONS – ANALYZER CUM CONTROL SYSTEM

- Power Supply: 85 - 265 VAC, 50 – 60Hz
- Analyzer Enclosure: IP67 Field Mounted Dust and Moisture Proof
- Input:
  - Fluid-Density Sensor Signal
  - RTD PT 100 Temperature Sensor Signal
  - DPT Level Transmitter Signal
  - VFD RPM Signal (Optional)
  - Conductivity 8-Level Sensor Signal
- Calibration:
  - From Keyboard
  - USB Port for Windows / Android-based YUTECH-AccessApp-BA
- Display:
  - Base Model: 4 Digit LED Dual Display
  - Controller and Controller with Ethernet Model: 4 Digit LED Quad Display
  - Sensor Cleaning and Washing Output: In-Built Potential Free Relay
- Sensor Cleaning Timing Cycle: Adjustable from Keyboard, default 15 Minutes
- Signal Output:
  - 4 - 20 mA Temperature Compensated Brix Output
  - 4 - 20 mA PID Output (Controller and, Controller with Ethernet Models)
  - 2 Potential-Free Relay Outputs for High – Low Alarm
- Communications:
  - Ethernet Communication Protocol: Modbus-TCPIP, in Controller with Ethernet Model
  - Modbus RTU, in Controller Model

TECHNICAL SPECIFICATIONS – MOTORIZED FLUID-DENSITY SENSOR

MOTORIZED FLUID-DENSITY SENSOR (PRODUCT CODE: ASDMFDS24DCC01):

- Motorized Circulator or Stirrer stirs the Fluid whose Fluid Density is to be measured.
- Power consumed
- MOC: Wetted parts: Stainless Steel (SS316) / PTFE. Non wetted parts: SS / MS / Aluminium / PTFE.
- MOC: All SS and Food Grade PTFE Construction optional.
- MOC: Wash Water Spray Tube: SS.
- Solenoid Valve for Automatic Sensor Wash
- Sensor Shaft is sheathed in Leak Proof Mechanism.
- Periodic Cleaning by a signal from the Fluid Consistency Brix Analyzer.
- 24VDC Power Supply.

TEMPERATURE SENSOR:

- RTD PT 100 Temperature Sensor with Thermowell constructed out of Solid SS Bar.

LEVEL SENSORS:

- DPT with Extended Diaphragm and Capillary Type Sensing
- 8-Level Conductivity Sensing (MOC: SS316 / PTFE)

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

TECHNICAL SPECIFICATIONS

Product Code:

- A15FDAACSCTRC1D4R4FM – A15FDA means Fluid-Density Analyzer of A15 Product Family
- A15FDAACSCTRC1D4R4FM – AC Power Supply
- A15FDAACSCTRC1D4R4FM – Analog Inputs and Outputs
  - AI (CSCTR): Fluid-Density Sensor, 8 Step Level, and RTD PT100, Optional: 4-20mA from DPT Type LT;
  - AO (C1): 1 Ch. 4-20mA (Brix), AO (C2): 2 Ch. 4-20mA (Ch. 1: Brix and Ch. 2: PID)
- A15FDAACSCTRC1D4R4FM: Digital Inputs and Outputs
  - DI (D4): 4 DIs (24VDC); DO (R4): 4 Relay Outputs (24VDC, 1A)
- A15FDAACSCTRC1D4R4FM – Field Mounted Enclosure
- A15FDAACSCTRC2D4R4FMC – Analyzer with Controller Model
- A15FDAACSCTRC2D4R4FMCEM – Analyzer with Controller and Ethernet Model, EM: Modbus TCP/IP Communication (Ethernet)
- **Calibration:**
  - Please mention the application for factory calibration as illustrated below:
    - Vertical Continuous Pan
    - Batch Pan A / B / C
    - Horizontal Continuous Vacuum Pan
    - Molasses Conditioner
    - Sugar Melter
    - Evaporator

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

APPLICATIONS

APPLICATION IN SUGAR PROCESS OR SUGAR REFINERY FOR MEASURING FLUID-DENSITY-BRIX OF MASSECUITE / SYRUP / MELT / LIQUOR / MAGMA / SEED IN:

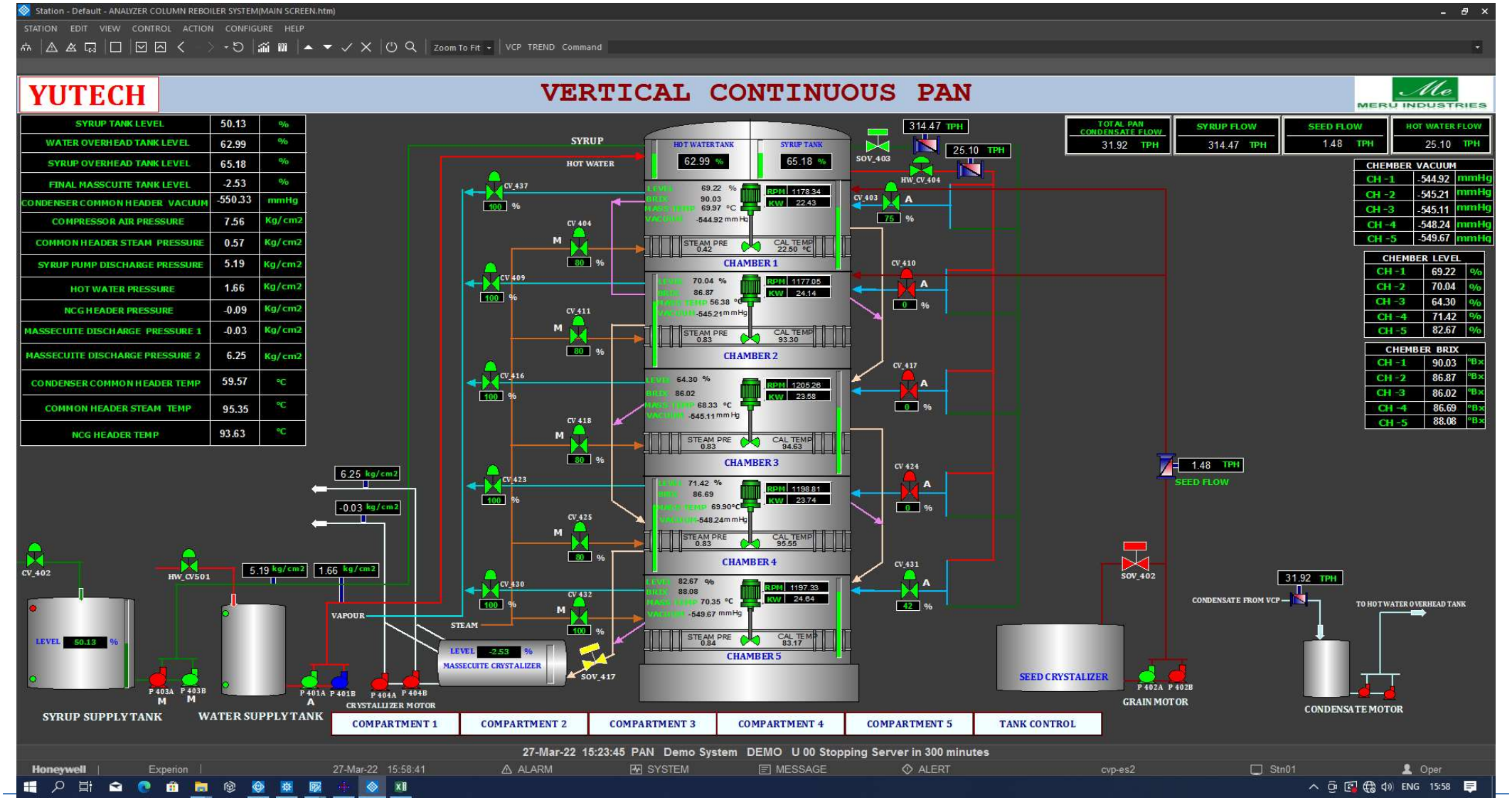
- Vertical Continuous Vacuum Pan (VCVP or VKT) Chambers
- Batch Type Vacuum Pans and Continuous Vacuum Pans
- Sugar Melters and Molasses Conditioners
- Evaporators
- Open Pans in Khandsaris or Mini Sugar Plants / Jaggery or Muscovado Plants
- Boiling Vessels in Jaggery or Muscovado Production

FLUID-DENSITY MEASUREMENT APPLICATION IN OTHER PROCESS INDUSTRIES:

- **FOOD & BEVERAGES:** In Vessels or Pans for Monitoring the Consistency of Sauces / Slurries / Pastes etc.
- **CHEMICAL / PHARMA:** In Thickening / Thinning Vessels or Pans for Monitoring the Consistency of Chemical Slurries / Pastes
- **DISTILLERIES:** In Fermentation / Maturation Vessels and Spent-Wash Evaporators for Monitoring Brix
- **BREWERIES:** In Fermentation Vessels for Monitoring Brix Fermentation Vessels, Maturation Tanks

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

VERTICAL CONTINUOUS PAN AUTOMATION SCREENSHOT OVERALL VCP OR VKT



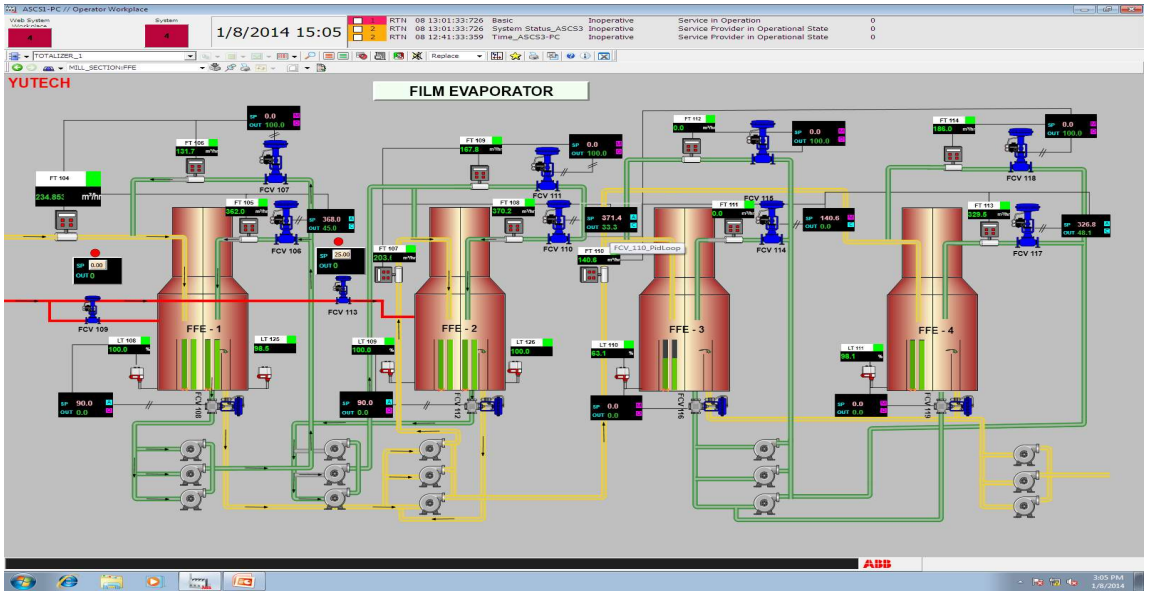
YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

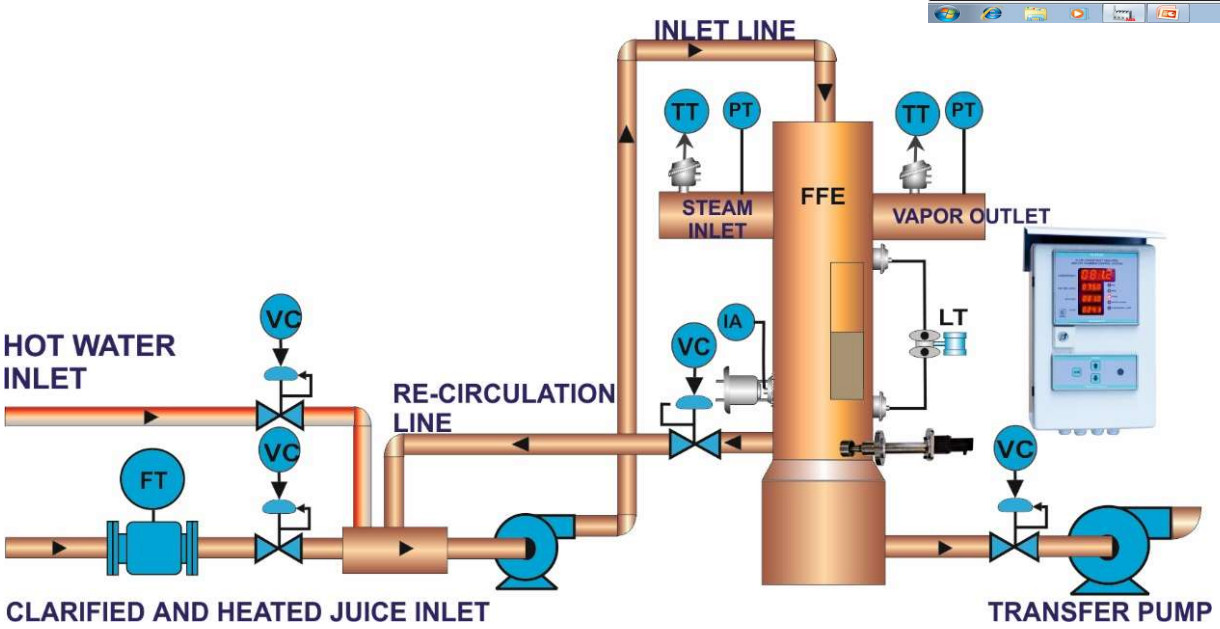
FFE AUTOMATION - EVAPORATOR CONTROLS SCHEMATIC AND SCREENSHOT

YUTECH SINCE 1978 ™

FALLING FILM EVPORATOR (FFE) AUTOMATION:

- EVAPORATOR LEVEL MAINTAINED FOR PROPER EVAPORATION AND VAPOR GENERATION.
- AUTOMATIC WATER INTAKE IF REQUIRED.
- INLET FLOW TO THE FFE BODY AND RECIRCULATION IN EQUAL OR IN PRESET PROPORTION.
- OPTIONAL INLET, RECIRCULATION AND BYPASS FLOWS MEASUREMENT AND CONTROL.





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- PRECEDING BODY LEVEL SYNCHRONIZATION FOR ALL BODIES INCLUDING JUICE TANKS AND CANE CARRIERS

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR
VERTICAL CONTINUOUS PAN AUTOMATION
PAN CHAMBER CONTROL SCHEMATIC AND SCREENSHOT

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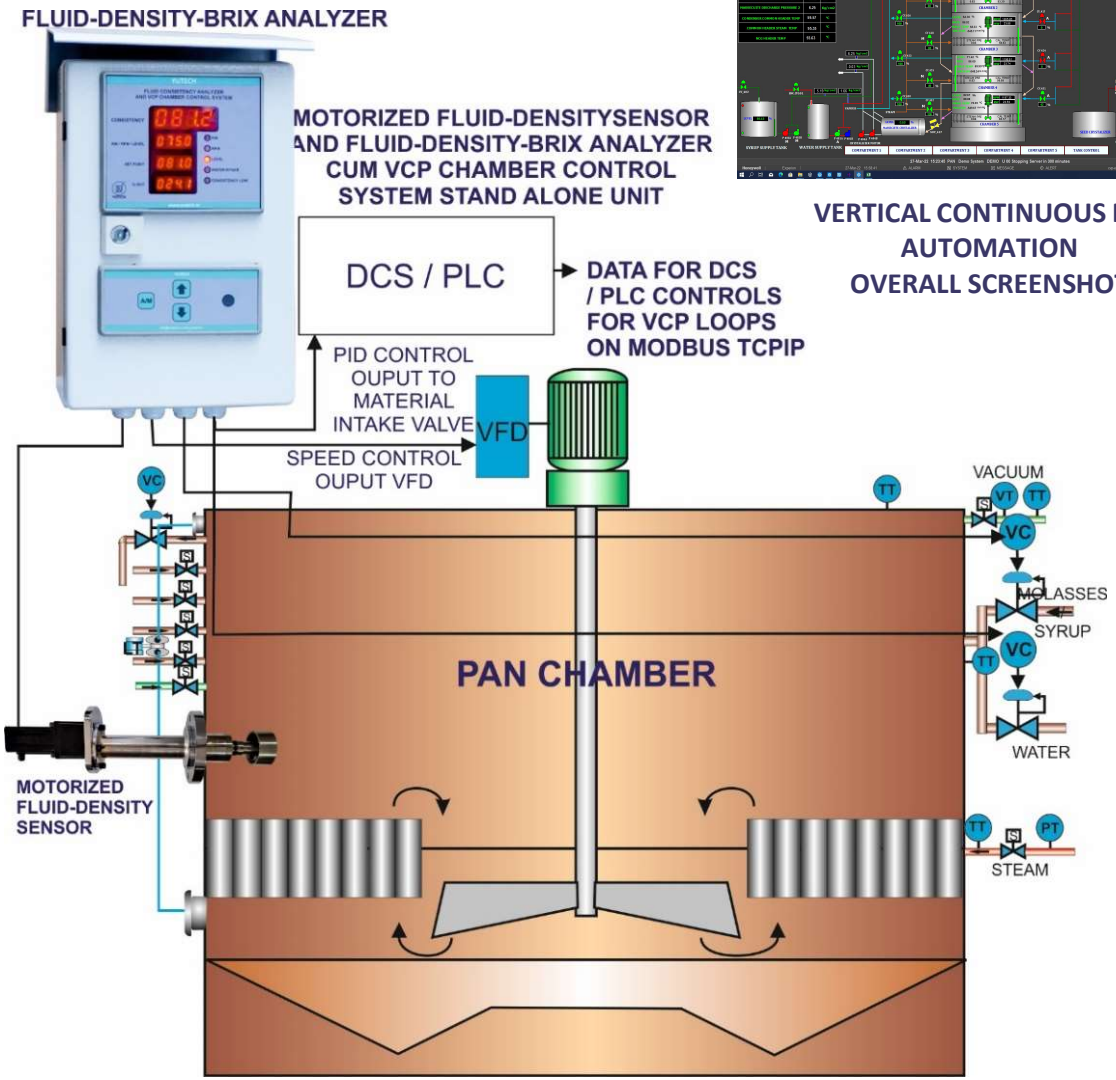
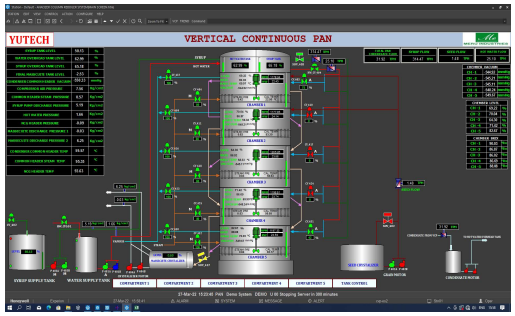
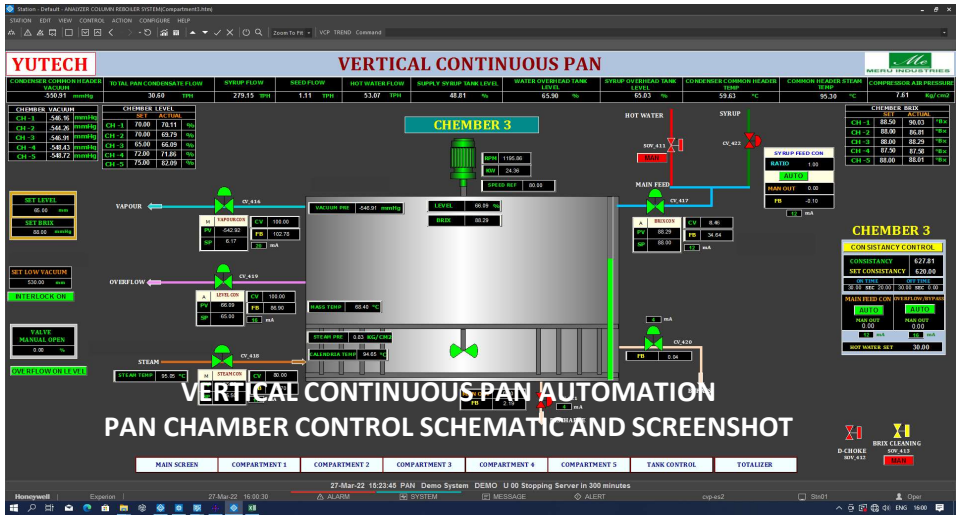




VERTICAL CONTINUOUS PAN AUTOMATION
OVERALL SCREENSHOT

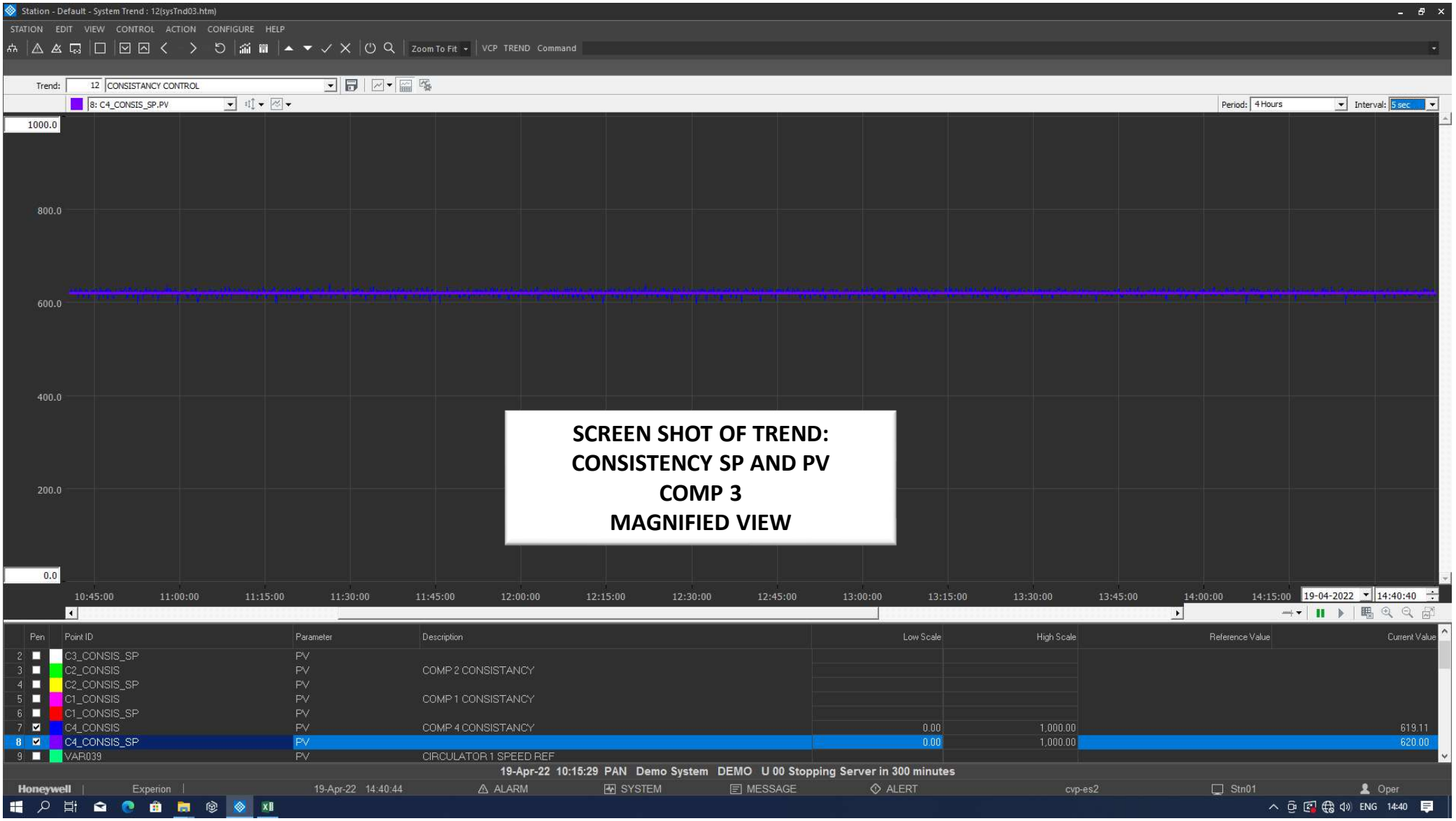
VERTICAL CONTINUOUS PAN AUTOMATION:

- FLUID-DENSITY-BRIX SENSING AND MATERIAL / WATER INTAKE CONTROL
- VFD SPEED CONTROL AS PER PAN CHAMBER LEVEL
- TEMPERATURE SENSING THROUGHOUT THE PAN CHAMBERTO ENSURE UNIFORM TEMPERATURE INSIDE PAN CHAMBER BODY
- SEMI-AUTOMIC DROP CONTROL IN ABNORMAL CONDITIONS
- STANDALONE SYSTEM FOR PAN CHAMBER AND COMMUNICATION WITH MAIN VCP PLC / DCS SYSTEM



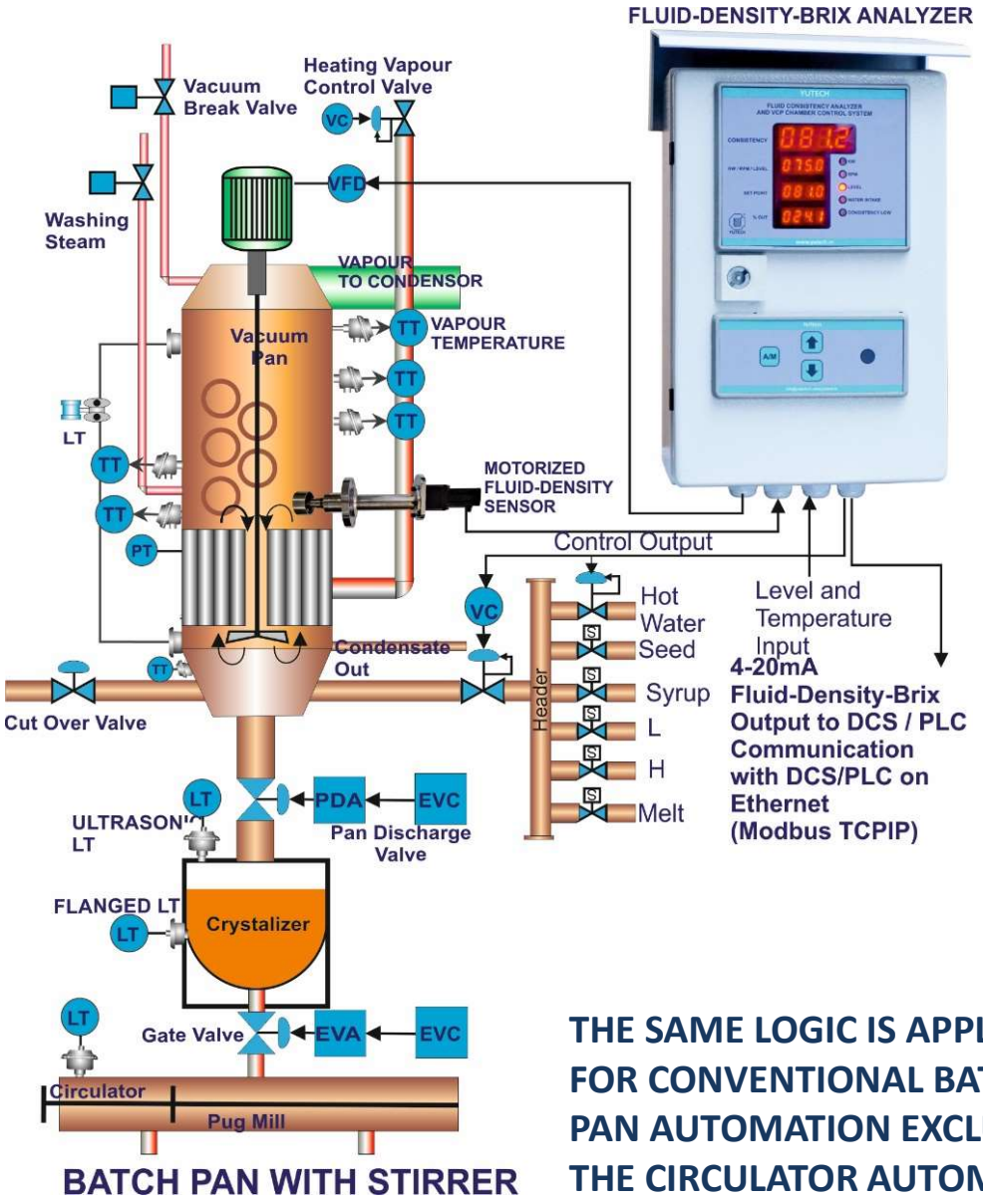
VERTICAL CONTINUOUS PAN AUTOMATION
PAN CHAMBER CONTROL SCHEMATIC AND SCREENSHOT

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR
VERTICAL CONTINUOUS PAN AUTOMATION
COMPARTMENT PAN BRIX VS BRIX SETPOINT TREND SCREEN SHOT

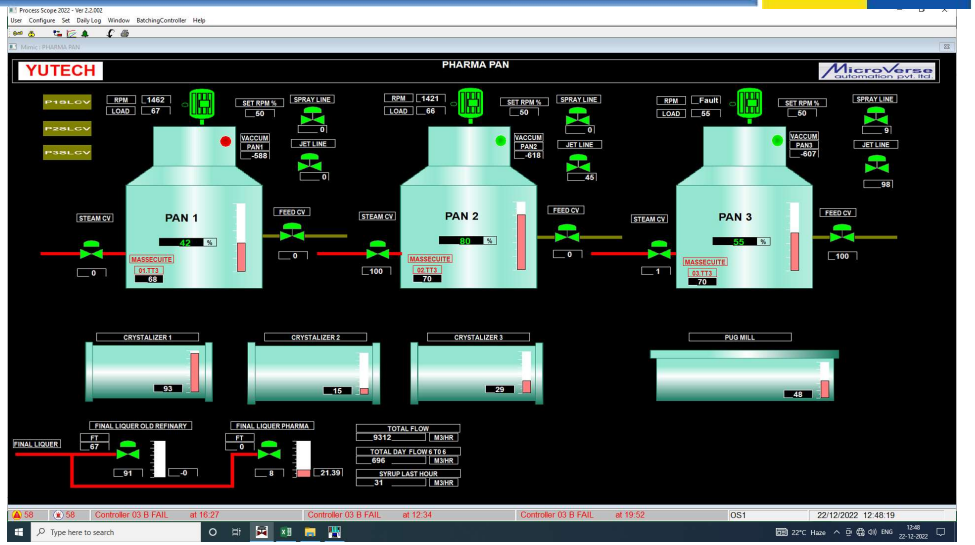


YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

BATCH PAN AUTOMATION- BATCH PAN CONTROLS SCHEMATIC AND SCREENSHOT



BATCH PAN WITH STIRRER



SCREEN SHOT: BATCH PAN AUTOMATION

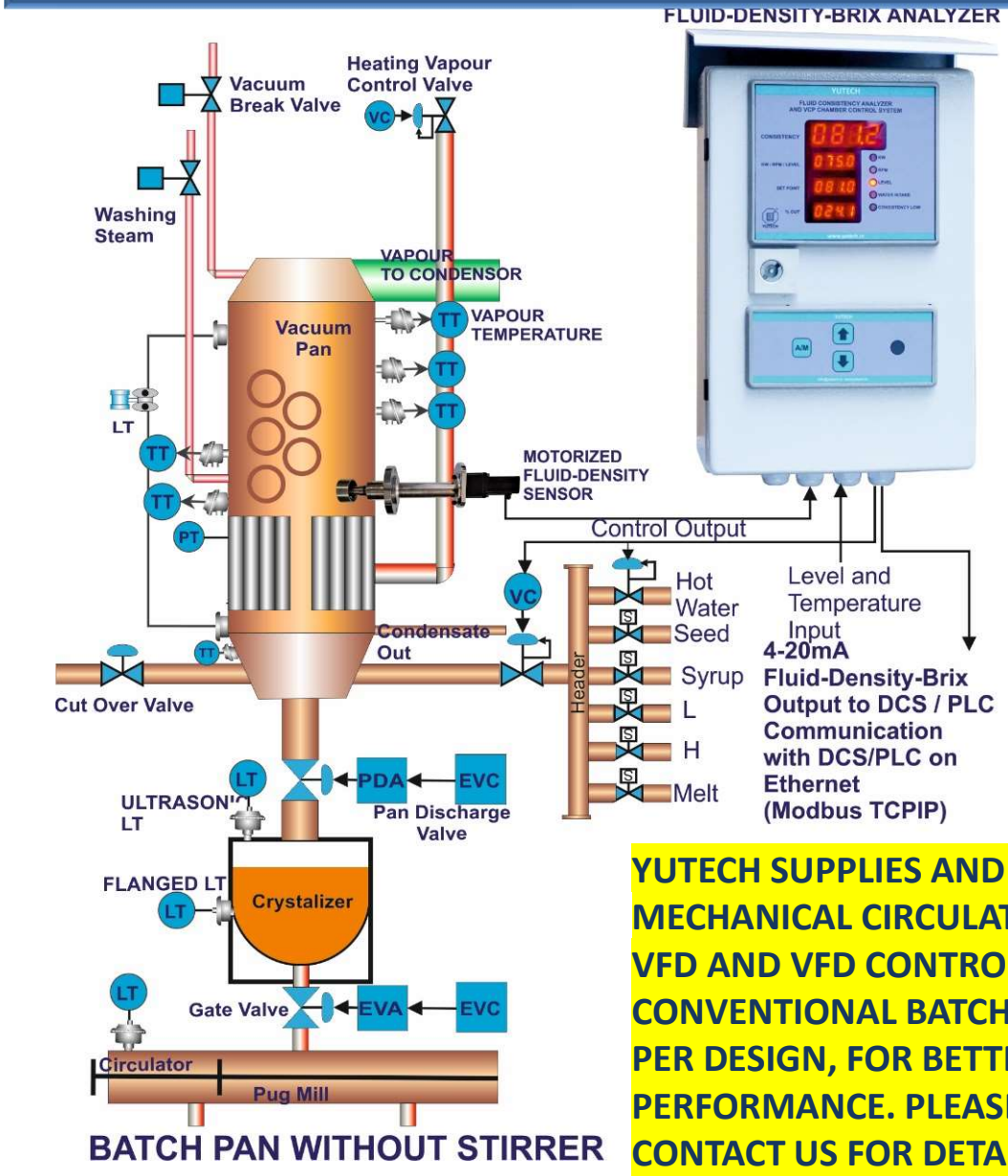
THE SAME LOGIC IS APPLICABLE FOR CONVENTIONAL BATCH PAN AUTOMATION EXCLUDING THE CIRCULATOR AUTOMATION

BATCH PAN AUTOMATION:

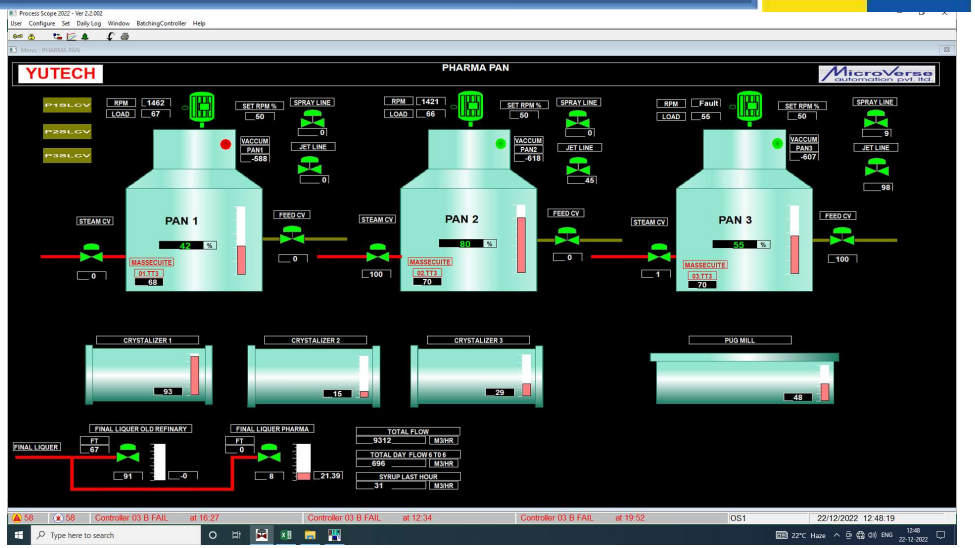
- FLUID-DENSITY-BRIX SENSING AND MATERIAL / WATER INTAKE CONTROL
- VARIABLE BRIX SET-POINT AS PER PAN LEVEL
- VFD SPEED CONTROL AS PER PAN LEVEL
- TEMPERATURE SENSING THROUGHOUT THE PAN TO ENSURE UNIFORM TEMPERATURE INSIDE PAN BODY
- BATCH COMPLETE INDICATION AND DROP SUGGESTION
- STANDALONE SYSTEM OR PLC / DCS BASED SYSTEM

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

BATCH PAN AUTOMATION- BATCH PAN CONTROLS SCHEMATIC AND SCREENSHOT



BATCH PAN WITHOUT STIRRER



SCREEN SHOT: BATCH PAN AUTOMATION

YUTECH SUPPLIES AND INSTALLS MECHANICAL CIRCULATOR WITH VFD AND VFD CONTROLS ON CONVENTIONAL BATCH PANS AS PER DESIGN, FOR BETTR PAN PERFORMANCE. PLEASE CONTACT US FOR DETAILS.

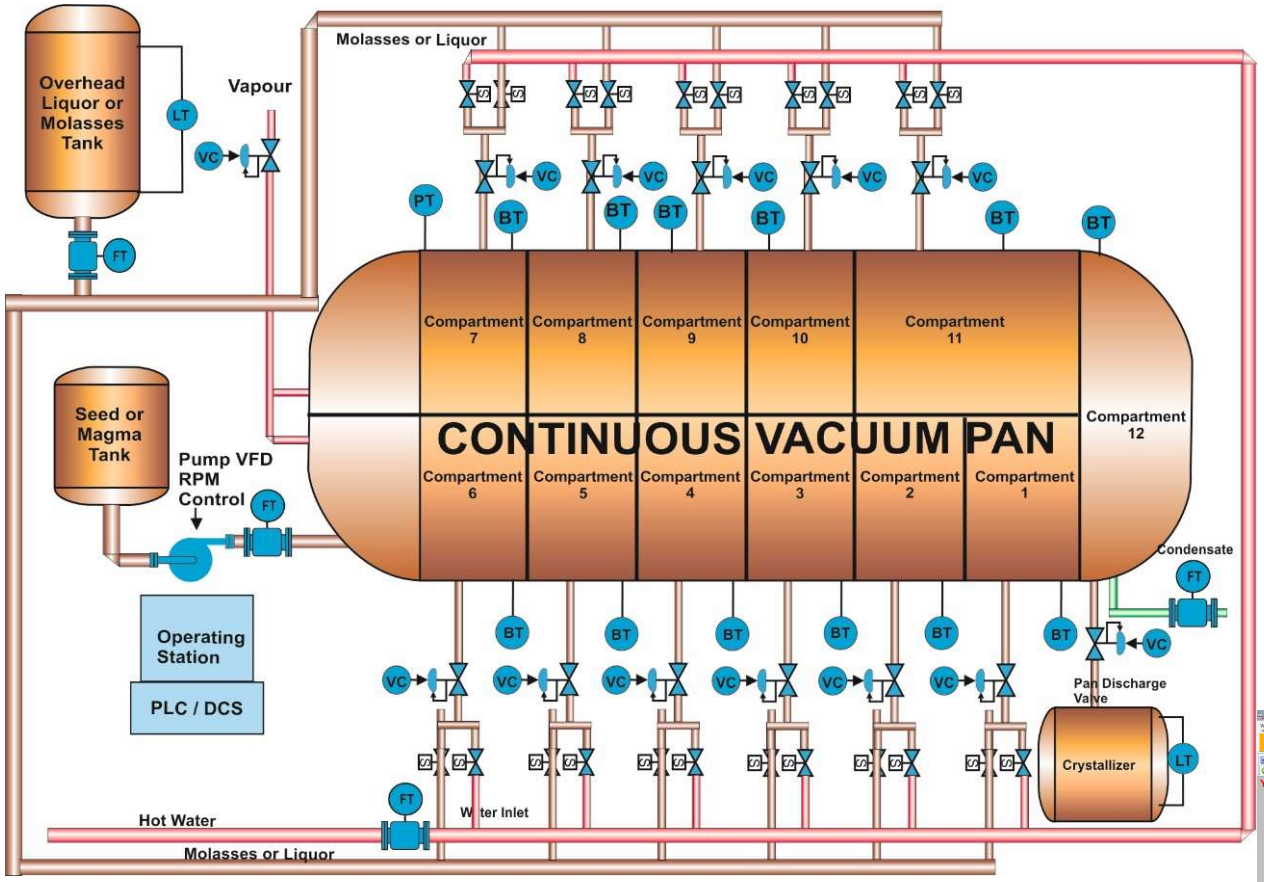
BATCH PAN AUTOMATION:

- FLUID-DENSITY-BRIX SENSING AND MATERIAL / WATER INTAKE CONTROL
- VARIABLE BRIX SET-POINT AS PER PAN LEVEL
- VFD SPEED CONTROL AS PER PAN LEVEL
- TEMPERATURE SENSING THROUGHOUT THE PAN TO ENSURE UNIFORM TEMPERATURE INSIDE PAN BODY
- BATCH COMPLETE INDICATION AND DROP SUGGESTION
- STANDALONE SYSTEM OR PLC / DCS BASED SYSTEM

YUTECH FLUID-DENSITY-BRIX-ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

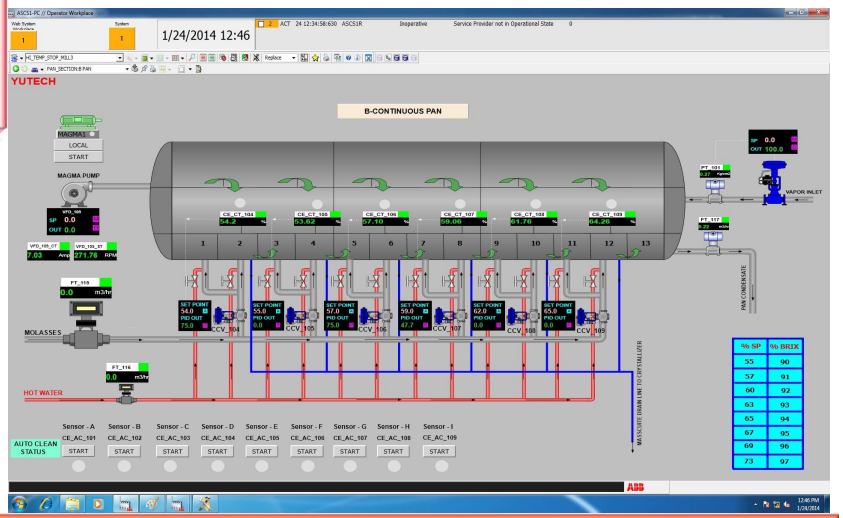
CONTINUOUS VACUUM PAN AUTOMATION

CVP CONTROL SCHEMATIC AND SCREENSHOT



VERTICAL CONTINUOUS PAN AUTOMATION:

- YUTECH FLUID-DENSITY-BRIX OR YUTECH BRIX SENSING AND MOLASSES / WATER INTAKE CONTROL FOR EACH COMPARTMENT
- VFD SPEED CONTROL AS PER PAN CHAMBER LEVEL FOR LAST CHAMBER IF INSTALLED
- TEMPERATURE SENSING THROUGHOUT THE PAN CHAMBERTO ENSURE UNIFORM TEMPERATURE INSIDE PAN CHAMBER BODY
- SEED FLOW CONTROL MAINTAINING MOLASSES TO SEED RATIO



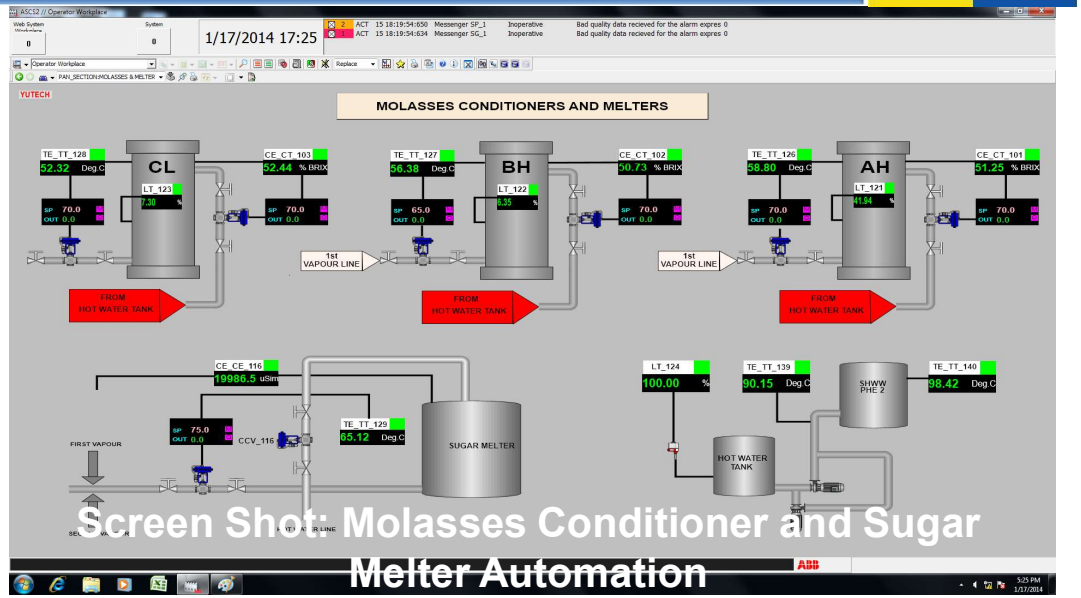
VERTICAL CONTINUOUS PAN AUTOMATION:

- CALENDRIA VAPOUR PRESSURE CONTROL
- STANDALONE SYSTEM FOR PAN CHAMBER AND COMMUNICATION WITH MAIN VCP PLC / DCS SYSTEM
- SEED OR MAGMA FLOW CONTROL WITH RESPECT TO MOLASSES OR LIQUOR FLOW

YUTECH FLUID-DENSITY-BRIX ANALYZER CUM CONTROL SYSTEM AND MOTORIZED FLUID-DENSITY SENSOR

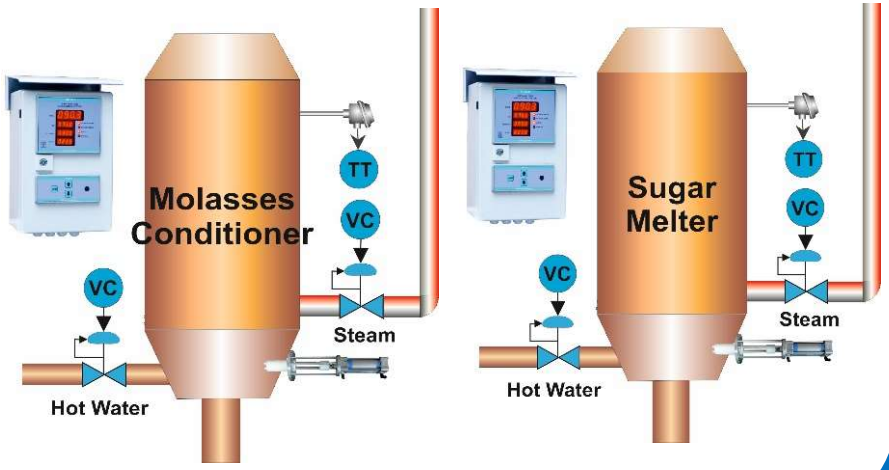
SUGAR MELTER AND MOLASSES CONDITIONER AUTOMATION SCREENSHOT, FIELD MOUNTING PICTURE, AND SCHEMATIC

Field Instruments Installation

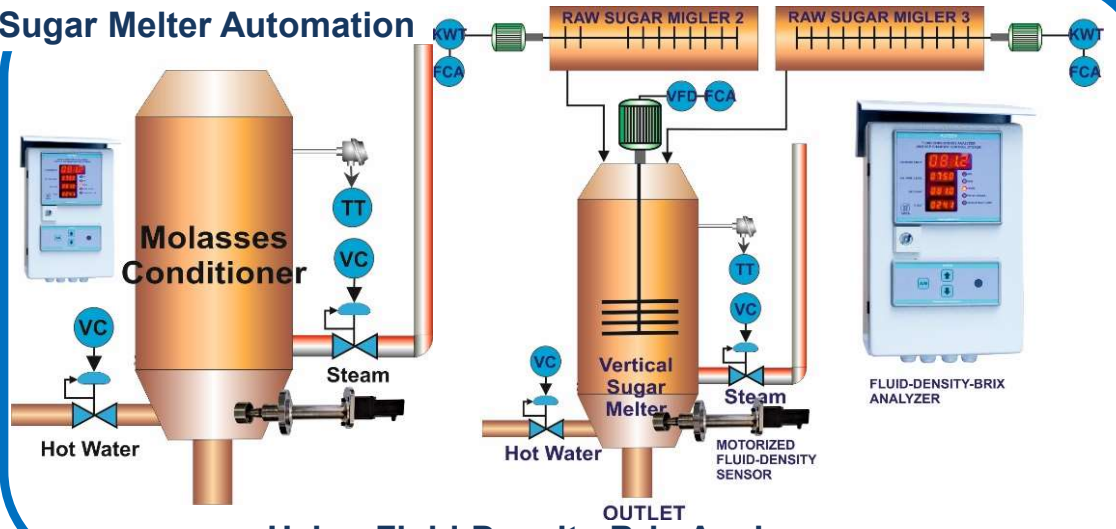


Screen Shot: Molasses Conditioner and Sugar Melter Automation

Schematic Diagrams: Molasses Conditioner and Sugar Melter Automation



Using Brix Analyzer



Using Fluid-Density-Brix Analyzer

www.yutechautomation.com; www.yutech.in; sale@yutech.in

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AND YET, MAKE MONEY

THANK YOU