



SKYTECH SYSTEMS (I) PVT. LTD.

SKY - STREAM - SEQUENCER

SKY-STREAM-SEQUENCER helps perform analysis of Samples from Multiple streams using single analyzer. It organizes the sample available for online analysis as programmed.

This is a microprocessor based system capable to electronically control a maximum of 6 Channels.

Use of Stream selector reduces both initial investment and running cost of operation by minimizing the cost of Consumables, Reagents used to run an Analyzer. It also provides the performance advantages and optimum utilization of the Online Analyzer.

A stream selector can eliminate the possible error between analyzers and provide comparison of relative values between two or more streams.



SOME KEY FEATURES

- This system is capable of Operating in a continuous or Batch Mode.
- Individually programmable stream timer and stream sequence.
- Can be operated with Pulse or Time base.
- Individual alarming system for each stream.
- Connectivity with External PLC via RS232/RS485/Modbus
- System also accepts analogue signal from analyzer and convert into Engineering Units (% , ppm, ppb etc) and display it centrally for all the streams.
- Compatible with Dotmatrix printer for online Printout.
- Provides daily statical report (optional)

FLUIDICS

The fluidics part consists of Solenoid Valves controlled by Microprocessor based controller. The tubing inside are 1/4 inch SS 316 with sanitary fittings. It has a common drain and one output to be connected to Analyzer. The fluidics part is capable to handle the sample upto 95°C and 60PSI pressure.

CONTROL UNIT

Control unit is based on a popular microcontroller, the system is designed to control the timing of stream selection up to 6 streams either on time or Pulse based. The HMI of the unit can be chosen either with Membrane Keypad or Touch screen.



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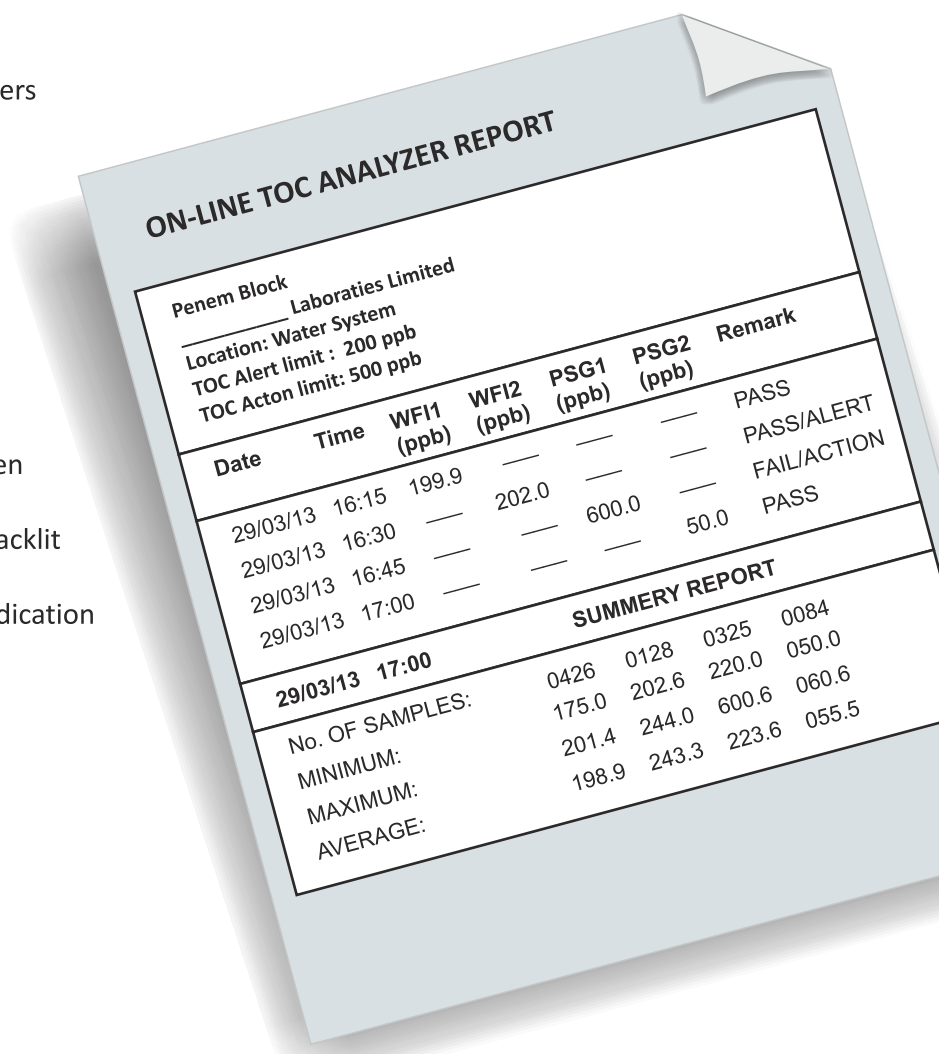
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SPECIFICATIONS

- Maximum number of Streams: 6 Numbers
- Sample Temperature: 95°C
- Sample Pressure: 60 PSI (max)
- End connection:
 - Sample I/O: ¼" Ferule Fittings
 - Drain : ½" Male Nipple
- HMI: 12 Keys Membrane / 3" Touch Screen
- Display: 20 Character X 4 Line LCD with Backlit
- Status Display: LEDs for Process status indication
- Interface : RS232 / RS485 / Modbus
- Stream Selection logic:
 - Time or External input triggered
- Stream Selection Relays:
 - Up to 6 relay 2 C/O type
 - Relay contact Rating: 2A/250AC
 - Resistive for each relay
- Input / Output:
 - Digital Input: up to 4 Potential Free
 - Analogue Input: 1 no 4-20mA
 - Binary Input: 1 Potential free contact
 - Current output: upto 6 no 4-20mA
- Fittings:
 - End connections: ¼" NPT male
 - Double compression type.
- Enclosure:
 - MOC: Sheet metal Powder coated / SS
 - Mounting: Floor mount / Wall mount
 - Dimension: 760 x 600 x 350 mm
 - Weight: 20Kg (Shipping)
- Ambient Condition:
 - 0-50°C & up to 95% RH [Non condensing]



PART NUMBER

SSS	2/4/6	E/O	M/T	SS/PC
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E: Enclosed Fluidics
O: Open Fluidics
M: Membrane Keypad
T: Touch Screen HMI
SS: Stainless Steel enclosure
PC: Powder Coated

For Ex : SSS-4-E-M-PC : SKY STREAM SEQUENCER with 4 stream enclosed fluidics with membrane keypad and Powder coated enclosure.

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