

# Stability Chamber

## SC 3034



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Safety Features

- Over heat temperature and humidity cut off with alarm.
- Low temperature and humidity alarm.
- Low boiler water level safeguard.
- Electrical overload compressor cut off.
- Time delay for compressor switch on.
- Electrical short circuit breaker.

## ►► Utilities

- Distilled water or DM water line. (Consumption approx. 20 litres / 24 hrs for 450 litres model)
- Room temperature around machine preferably at 25°C.
- Stabilized Input Voltage of 230 VAC, 50 Hz, 20 Amps.
- Water drain line with ½" nozzle to be provided at floor level.

## ►► Data Record

- 21 CFR Part 11 compliant software with audit trail (Who did what when is recorded)
- Multilevel passwords.
- Oslog Data Storage Device has online and offline capabilities.
- In offline mode stores data in USB pen drive which can later be taken to PC and downloaded using software.
- Data is stored in pen drive in non manipulative FAT format.
- Print interval programmable between 1 to 240 minutes.
- Multi chamber data acquisition on single software.
- Tabular and graphical report, audit trail report.
- Mean kinetic temperature report, alarm deviation report.

## ►► Features

- Double walled, gap between walls filled with PUF insulation.
- Standard model: Stainless steel mirror polished chamber and heavy gauge powder - coated CRC exterior.
- GMP model: Stainless steel mirror polished chamber and exterior of dull finish stainless steel.
- Double door: Inner full viewing door and outer door insulated with lock and key arrangement.
- Control panel with electrical switch gear and refrigeration system mounted on top for easy service accessibility.
- Unit mounted on castor wheels.

## ►► Specifications

- Temperature Range: 10.0 C to 60.0 C. Accuracy / Uniformity:  $\pm 0.1$  C/ $\pm 1.0$  C.
- Humidity Range: 25% to 95% RH. Accuracy / Uniformity  $\pm 2\%$  RH/ $\pm 3\%$  RH.
- Temperature / Humidity Display: Digital LED 3½ digit, Resolution: 0.1 C/1%RH.
- Control: Microprocessor based PID Control With Auto Tune CE Marked.
- Temperature Sensor: PT – 100, RH Sensor: Direct capacitance type.
- Heating: 'U' Shaped Nichrome wire heater in SS Sheathing.
- Cooling: CFC free Copeland compressor utilizing R 134A eco friendly refrigerant.
- Steam Injection: Boiler with reservoir made of thick stainless steel, with heater, water inlet control, low water level safeguard and insulation.
- Air circulation: Flange motor with impeller / blower.

## ▶▶ Regulatory compliances



## ▶▶ Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



# Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [info@analyticalfoundation.org](mailto:info@analyticalfoundation.org)

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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## ▶▶ Reach us @



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