matos. | Plus Cloud 1460 S

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The Matos® Plus Cloud Cooled Incubators are a new range of purpose built Medical and Vaccination Chambers utilising patented technology. The cabinet and componentry have been specially designed for use in the Medical field.

Model Variations

Cloud 1460 S – Solid Door
Cloud 1460 S/G – Glass Door

MATOS Plus Cloud 1460 S/G

Built-In Monitoring Capability

Continuous temperature monitoring with sms and email alerts ensures a robust complete monitoring record of your product (See over the page) – even with loss of power.

Thermostat Override

The patented Matos® control system ensures that in the event of a controller failure, Matos® steps in and will keep the **Cooled Incubators** within the optimum temperature range.

Lock Fitted as Standard

Maintains security and ensures the unit can only be opened by authorised personnel.

Solid or Glass Door Options

Most models come with solid or glass door options enabling you to select the format which best suits your requirements.

Auto Defrost

The advanced controller initializes a regular defrost sequence to decrease the chance of ice build-up while maintaining the temperature.

Energy Efficient

Matos® Plus Cloud **Cooled Incubators** are more energy efficient and kinder to the environment, meaning the running costs of the refrigerator are kept as low as possible.

3 Year Extended Warranty

When serviced by an approved service technician, the warranty is extended to 3 years.

Specifications

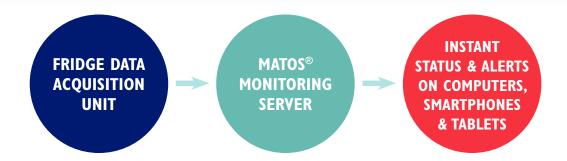|			
Capacity	1460L	Air convection	Forced Air
Dimensions External	1450w x 1970h x 950d	Temperature range	+3°C – +40°C
Dimensions Internal	1340w x 1460h x 750d	Controller	Microprocessor with external LCD graphic display
Max shelf workload	30kg	Interior	Aluminium (s/steel optional)
Max unit workload	300kg	Housing	Powder coated sheet (s/steel optional)
Door	Solid/Glass option	Temperature resolution	0.1°C
Weight	200kg	Temperature fluctuation at 4°C	+/- 0.5°C
Shelves fit/max	2 x 3/11	Voltage 50/60Hz	115/230V
Gas defrost	Optional	Interface Port	RS232
Web monitoring	Yes	LAN connection	RJ45 ethernet
DAQ battery type (x 2)	12V sealed lead acid (12V 3.5Ah)	Door Open Alarm	Yes
Refrigerant	R404A	Access Port	Yes
Refrigerant amount	0.27kg	Internal light	Yes
Castors	Yes	Remote Alarm Contacts	Yes
Power	550W	Door Lock	Yes

New Zealand: Patent 596323 | Australia: Patent 2012336431 | Europe: Patent 12846969.9

matos® | monitoring

Take a look at the Matos® demonstration site.
www.matosmonitoring.com using the following login:
Username: matosdemo1 / Password: matosdemo1

Matos® Monitoring is a web-based, automatic temperature monitoring system, enabling direct access to your fridge temperatures and records, anywhere at any time.

FRIDGE DATA ACQUISITION UNIT → **MATOS® MONITORING SERVER** → **INSTANT STATUS & ALERTS ON COMPUTERS, SMARTPHONES & TABLETS**

Dedicated Server

Matos® Monitoring features a dedicated off site secure server ensuring fast access speeds when information is critical.

SMS Alerting

Temperature excursions and status alarms are sent via text message within seconds.

Ease of Access

Access fridge temperatures and statuses from any web-capable device such as a computer, smartphone and tablet.

Clear Concise Information

See temperature history and fridge status at a glance with easy to read colour coded indicators.

Full Alert History

Complete alert history makes audit trails a breeze. See who has responded and action taken with the click of a button.

Wireless Capability

Internet connection via wired or secure wireless network.

Automatic and Custom Reports

Get reports delivered direct to your email inbox or create custom PDF reports for any period.

Robust Database

Double backup and RAID system ensures data is kept safe and secure for 10 years plus.

Battery Backup

With Matos® smart compact UPS built into the fridge the temperature monitoring will continue during a power failure, ensuring an uninterrupted temperature log. (Backup time up to 13 hours).

Automatic battery maintenance and smart-charging cycle ensures maximum battery life.

Outgoing Communication Only

As there are no incoming connections to the monitoring device the network security of your business is never compromised.

Self Reporting/Analysing

Self monitored device ensures any hardware problems are reported to the user ensuring quick response.