TESTINGLAB
EQUIPMENTS

HIGH-END MULTIPURPOSE CLIMATE CHAMBERS WITH LED LIGHTING

EGC SERIES

TEMPERATURE RANGES
Standard from +4°C to +50°C. Optional up to -30°C and +80°C for greater needs..

HUMIDITY RANGES
Standard from 30% to 90% RH. Optional from 10% to 95% RH for more demanding tests.

AIR FLOWS
Horizontal or vertical airflow depending on the application for which the equipment will be used.

ECOLOGICAL.
Manufactured with a cooling system based on natural gases with a GWP of 3. F-Gas Compliance.

LIGHTING.
LED lights for biotechnology applications with different positioning possibilities.

FLEXIBILITY.
Control of CO_2, air renewals, irrigation, etc. Multiple control options for other variables.

**ECO FRIENDLY R290 NATURAL REFRIGERANT**
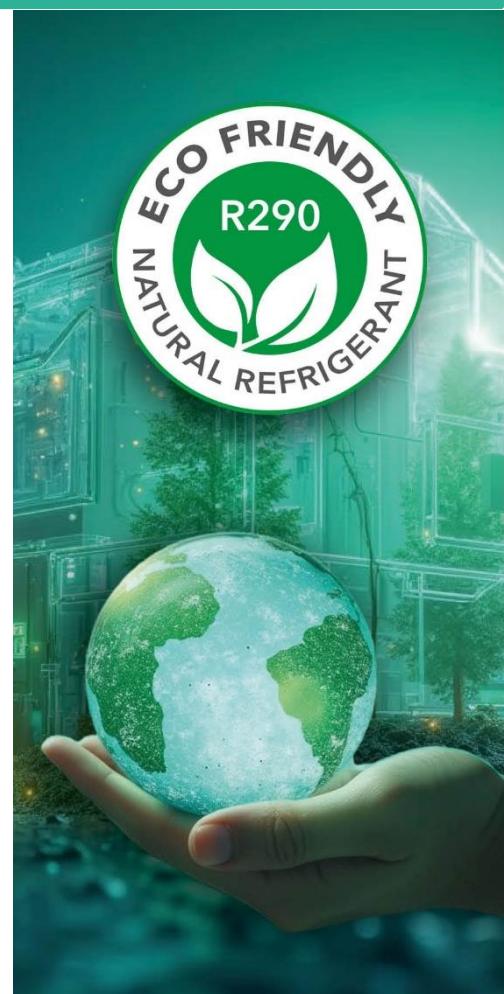
DIFFERENT VOLUMES FOR DIFFERENT APPLICATIONS

185/190 l.	306 /350 l.	232 / 300 l.	416 / 490 l.	424 / 590 l.	492 / 665 l.	605 /735 l.	690 / 860 l.	912 / 1180 l.

1178 / 1490 l.	1450 / 1850 l.	1745 / 2190 l.	2150 / 2798 l.	2410 / 2950 l.	2880 / 3498 l.

DIFFERENT LIGHT POSITIONS ACCORDING TO THE APPLICATIONS

Select the optimal lighting position in the chamber based on the application, from a top shelf position on the ceiling of the chamber for large plant growth, to lower intensity lighting positioned on the sides for algae growth.
The EGS series is designed for any combination, allowing you to position the lights on the door, sides, shelves, or all of them.
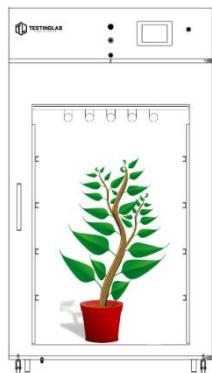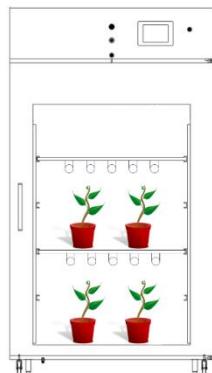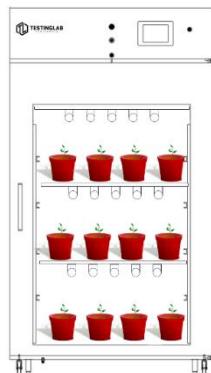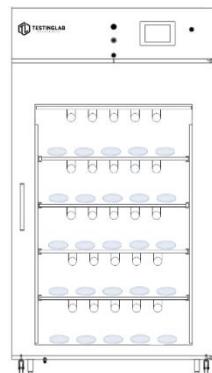
| 1L LED | 2L LED | 3L LED | 5L LED | 2S LED | 1S LED |
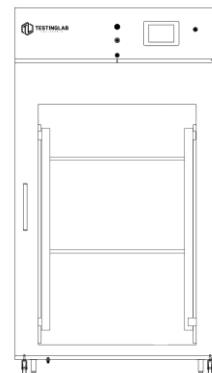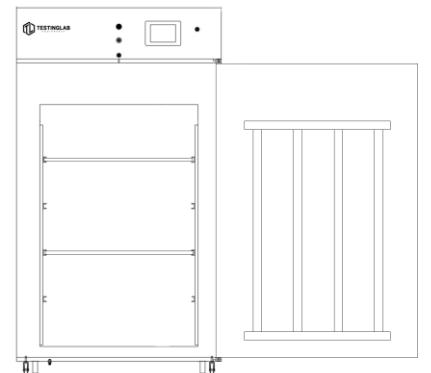
OTHER FEATURES

Interior Glass Door
All models in the EGCS series feature an interior thermal glass door that allows viewing of work processes without altering temperature, humidity, or CO2 concentration. The door features a silicone gasket seal to ensure maximum tightness and a large handle and lock.

Shelves
Made of AISI 304 stainless steel (AISI 316 or grid optional), perforated with guides and adjustable height. Maximum load capacity: 100 kg/m2. Guides and grids are easily removable for cleaning.

Port with plug
For the passage of cables and/or probes with a diameter of 40 mm and a protective cap. Optional options available with different diameters.

Custom designs
Custom designs to suit your application with extended temperature ranges, extended humidity ranges, different volume configurations, multiple chambers in a single unit, and more.

Multiple accessories to choose from for specific applications or to enhance chamber services.

Various communication options: Ethernet, WiFi, SMS, and more.