



ECONOMIC DELUX



snijders scientific

WHY IS THE ECONOMIC DELUX THE MOST PRACTICAL CABINET FOR IN-VITRO CULTIVATION AND CULTURE-TESTS ?

Perfection is recognizable. In the program climate cabinets and chambers from Snijders Scientific.

Results of intensive contacts with specialized research-technicians. Carefully developed and tested in daily practice.

Meeting the most stringent practice and climate demands.

Like this Economic Delux, which is suitable for genetic manipulations as well as for the cultivation of protoplasm, sporulation of fungi, alga growth, Arabidopsis tests and cell divisions. Where the technical and economic aspects has been followed closely. Hence the name:

ECONOMIC DELUX

These are the features:

- wide temperature-range with great accuracy, from -5 up to +40°C
- a nett growing surface of 1,8 m²; thanks to 5 height adjustable platforms
- adjustable day- and nightcycles for temperature and illumination
- solid casings; executed in enamelled and Stainless Steel
- illumination at both sides, separated from the working area
- accurate - reproducible - results.



Durable

The Economic Delux distinguishes itself by the qualitative construction. The exterior is made from enamelled steel, coated in off-white (RAL 9002) and blue (RAL 5010), with a Stainless Steel interior, finished with white synthetic sheet.

The illumination has been mounted at both sides, separated from the working area, for safety reasons, and to avoid temperature-fluctuations.

The cabinet is also provided with a lockable door and can easily be mobilized by low profile, heavy duty casters.

The 5 platforms, which can be adjusted in height by 50 mm, are made of white Polystyrene in a Stainless Steel frame.

For seed germination, or a similar application, up to 23 platforms can be used.

How to control?

The facility of use of this Economic Delux cabinet expresses itself also by the control system.

The electronic temperature-unit has a digital read-out.

Illumination and temperature switch in a day / night cycle by a 24-hour timer.

Naturally it is a standard possibility to allow the temperature to switch exclusively.

To work with humidity is also possible, dependent on the set conditions, by adding water on a platform in the bottom of the cabinet.

Therefore this platform is provided with an embankment of 50 mm.

An important subject, taking it all in all, is the accuracy and a proper mutual tuning.

Illumination

Time-saving meant a great deal when The Economic Delux was developed.

This multipurpose cabinet can be cleaned easily, because the starters, fluorescent lamps and other electrical parts are kept outside the working area.

At the same time, the periodical maintenance can be executed quickly. The lamps, which are vertical mounted behind thermal glass, can be switched in 2 levels and are also adjustable by means of a timer.

Both sides of the cabinet have 7 lamps, which makes 14 in total.

In this way the Economic Delux assures you of the most optimum circumstances.

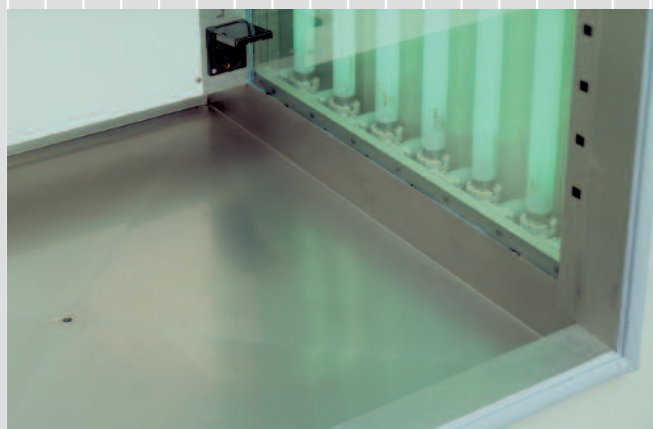
Combined with solidity, comfort and economy.

Besides that, the cabinet is also spacious: 432 litres capacity and 1,8 m² growth- and test-surface.

See the technical data for more specifications.

Optional

- look-through-window in window (double galzing)
- programmable controller
- dimmable lighting
- extra cable entry port
- different Tubular Luminescent Lamps
- extra platforms
- splash watertight powerpoint
- temperature-registration
- and more



Fysical	Economic Delux, ECD01E
Volume	432 litres
External dimensions (w x d x h mm)	890 x 860 x 1900
Internal dimensions (w x d x h mm)	600 x 600 x 1200
Growth area	5 x 0,36 m ²
Growth height (per shelf)	approx.: 25 cm
Airflow	vertical (max. 0,2 m/s)
Specifications	
Temp. range (lights off)	-5°C to + 40°C
Temp. range (lights on)	0°C to + 40°C
Temp. fluctuation	± 0,3°C
Variation (1 shelf, lights on)	± 1,0°C
Humidity (not controlled)	70 - 75% rh (lights on) ca. 90% rh (lights off)
Light level (measured at a horizontal level and an angle of 90°)	10.000 lux 120 µE.m ⁻² .s ⁻²
Facilities	
Temperature controller	electronical PID
Temperature sensor	PT 100 Ω
Illumination	14 x 36 W TL, daylight types
Requirements	
Power supply*	220 - 240 V, 11A, 1ph, 50 Hz
Weight	310 kg

* 60 Hz: on request

- Specifications subject to changes.

Snijders Scientific forms part of the Snijders Group, which is, among other things, active with the delivery of equipment and products for research, development and laboratory-research, together with internal transport-systems and beds for the health-care sector. Development, production c.q. assembling and testing of these products and equipment takes place with great care. In this way the users aren't just assured of a high quality, but investments in new technologies on these specific fields are completed as well. By constant control during the various production-processes, Snijders as nobody else, is capable to offer the correct know-how for assistance and information.

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Snijders Scientific b.v. meets the requirements of the Dutch foundation for the authorization of handling refrigerants during installation and maintenance of refrigeration and airconditioning equipment.



ISO-9002 certified by Lloyd's / CE approved