

Hybridisation Incubator

7601

Technical data

Temperature regulation:
microprocessor-controlled

Temperature range:
approx. 8 °C above ambient to +99.9 °C

Temperature constancy (temporal): ±0.5 °C

Temperature setting and display:
digital - LED, in 0.1 °C increments

Over-temperature cut-out:
electronical / dependent on the set value,
with visual alarm at 4 °C above the set
temperature, and electro-mechanical > 130 °C

Rotations of the rotating rack:
10 per minute, fixed

Cabinet illumination:
2 lamps at 25 Watt each

Interior dimensions (W x D x H):
400 x 330 x 380 mm

Exterior dimensions (W x D x H):
585 x 630 x 650 mm

Electrical connection:
230 V / 50...60 Hz / 0.65 kW *
* Other voltages on request

Net / gross weight: 45 kg / 54 kg

Packing volume (cardboard box):
approx. 0.51 m³

■ Order No. 7601

■ Ideally suited for special cases

The GFL Hybridisation Incubator 7601 is a specialist for individual cases. The small quantity of hybridisation liquid that is required enables the user to work with high concentrations of probes or antibodies.

Other applications are also possible. Instead of the rotating rack, the Incubator's interior can be equipped with up to five non-tilt and pull-out trays (accessories).

The rotating rack to accept the hybridisation vessels is driven by a geared motor via a sliding clutch. It is easily removable and can be loaded outside the Incubator.

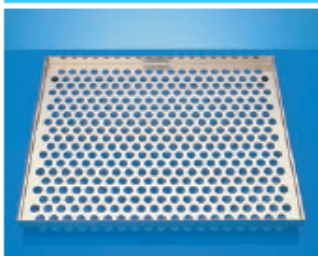


Specifications and Features

- ▶ The ventilator ensures optimum temperature distribution throughout the cabinet interior.
- ▶ Electronical monitoring of the temperature controller triggers a visual alarm in case of fault, i.e. if the set value is exceeded by 4 °C. The heating is switched off, the cause of the fault is shown on the LED display.
- ▶ Thermostatic over-temperature cut-out to protect the heating element.
- ▶ High resolutions of the detections and even results due to the constancy of 10 rpm.
- ▶ Soft-touch keys with clear symbols. Protection against unintended alterations by two-finger-operation.
- ▶ Clear view of the interior cabinet through a large 16 mm thick heat-insulating acrylic glass window. Key to switch on two cabinet lamps temporarily.
- ▶ The interior parts of the unit, such as cabinet walls, air baffle plate, interior door frame, rotating rack and the removable drip tray under the rotating rack are made of stainless steel, the robust housing is made of electrolytically galvanised sheet steel.



7601



Order No. 7914

Perforated Tray

made of stainless steel, can only be used instead of the rotating rack; max. five trays.

Applications

In every-day laboratory use our Hybridisation Incubator is successfully employed as an ideal appliance for exact hybridisations of DNA and RNA probes with nucleic acid on filter paper (Southern / Northern Blots) and for incubations of protein blots with antibodies (Western Blots).



Clip Wheel

made of stainless steel, with holes for spring clips. Two more clip wheels can be inserted to double the capacity of shorter vessels. Two clip wheels are required for safe and horizontal fixing.

Order No. 7940

Two clip wheels are in the standard scope of supply.



Special Hybridisation Bottles

made of borosilicate glass, plastic screw cap with 0.5 mm bore hole in the middle for pressure compensation (also available without bore holes on request).

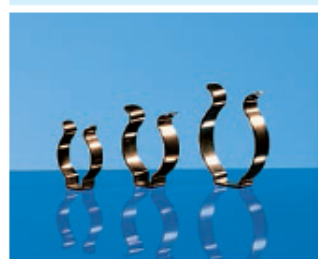
Order No. 7943 for \varnothing 32 mm, 273 mm length (16*)

Order No. 7944 for \varnothing 38 mm, 273 mm length (8*)

Order No. 7945 for \varnothing 51 mm, 273 mm length (8*)

* Capacity of the rotating rack (quantity of bottles)

Four bottles 7945 are in the standard scope of supply.



Spring Clips

to fix the hybridisation bottles on the clip wheels. Two spring clips are required for each bottle. The required fixing material is supplied with each clip.

Order No. 7935 for \varnothing 32 mm, (16/32)*

Order No. 7936 for \varnothing 38 mm, (8/16)*

Order No. 7937 for \varnothing 51 mm, (8/16)*

* maximum quantity of clips per clip wheel / required quantity of clips

Eight spring clips 7937 are in the standard scope of supply.