

Hybridization Incubators, GFL

① Hybridization Incubator type 7601

For exact hybridizations of DNA and RNA probes with nucleic acid on filter paper and for incubations of protein blots with antibodies. The small quantity of hybridization 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) at various heights.

- Microprocessor-controlled temperature
- Temperature range: approx. 8°C above ambient up to +99.9°C
- Temperature constancy: $\pm 0.5^\circ\text{C}$ temporal
- Digital indication and setting of temperature via LED display, in steps of 0.1°C
- Over-temperature cut-out: electrical with visual alarm at 4°C above the set temperature and electro-mechanical $> 130^\circ\text{C}$
- Constant speed of 12 rotations per minute
- Keys to switch on two 15 Watt cabinet lamps
- Optimum temperature distribution throughout the useful space thanks to circulating fan
- Electronic function monitoring
- Membrane keyboard with prominent symbols
- Clear view of the interior cabinet through a large 16 mm thick heat-insulating acrylic glass window
- Chamber parts, rotating rack and removable drip tray are made of stainless steel
- Variable rotating rack to accommodate the hybridization vessels, for max. 8 hybridization bottles with $\varnothing 51$ mm or else 16 hybridization bottles with $\varnothing 32$ mm
- Two clip wheels, 8 spring clips (type 7937) and 4 hybridization bottles (type 7945) are in the standard scope of supply
- The rotating rack is driven by a geared motor via a slip coupling and is removable
- Housing made of electrolytically galvanized steel sheet
- The unit has the CE mark

Technical data:

Temperature regulation:	microprocessor-controlled
Temperature range:	approx. +8°C above ambient to +99.9°C
Rotations of the rotating rack:	10/min, fixed
Interior dimensions (WxDxH):	400 x 330 x 380 mm
Exterior dimensions (WxDxH):	580 x 610 x 650 mm
Electrical connection:	230 V (other voltages upon request), 50/60 Hz, 550 Watt
Net/gross weight:	45 kg/54 kg

Article	Order No.
Hybridization incubator 7601	52 11 07601

Accessories

Clip Wheel

Made of stainless steel, for hybridization incubator 7601. With holes for spring clips. Two clip wheels are in the standard scope of supply. Two more clip wheels can be inserted to double the capacity of shorter vessels. Two clip wheels are required for safe and horizontal fixing.

Article	Order No.
Clip wheel type 7940	52 11 07940

③ Special hybridization bottles

Made of borosilicate glass, for hybridization incubator 7601 (see also mini roller incubator 4020). Plastic screw cap with 0.5 mm bore hole in the middle for pressure compensation (also available without bore holes). Four bottles 7945 are in the standard scope of supply.

Type	\varnothing mm	Length mm	Capacity of rotating rack	Order No.
7943	32	273	16	52 11 07943
7944	38	273	8	52 11 07944
7945	51	273	8	52 11 07945

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

Type	\varnothing mm	Qty max. per clip wheel	required quantity	Order No.
7935	32	16	32	52 11 07935
7936	38	8	16	52 11 07936
7937	51	8	16	52 11 07937

⑤ Perforated Tray

Made of stainless steel, for hybridization incubator 7601. Can be used instead of the rotating rack; max. 5 trays.

Article	Order No.
Tray type 7914	52 11 07914

