

HYBRIDIZATION INCUBATOR

MSW-219

MAC

Application

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

Ideally suited for special cases

- ◆ "MAC" Hybridization Incubator is a specialist for individual cases. 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 three (Optional) non-tilt and pull-out trays (accessories).
- ◆ The rotating rack to accept the hybridization vessels is driven by a geared motor via a sliding clutch. It is easily removable, autoclavable and can be loaded outside the incubator.

Specifications and Features

- ◆ The ventilator ensures optimum temperature distribution throughout the cabinet interior.



- ◆ Electronic monitoring of the temperature controller triggers a visual alarm in case of fault, i.e. if the set process is exceeded by set value. The heating is switched off, the cause of the fault is shown on the LED display.
- ◆ High resolutions of the detections and even results due to the constancy of rotations.
- ◆ Soft-touch keys with clear symbols. Protection against unintended alterations by two-finger-operation.
- ◆ Clear view of the interior cabinet through a large thick glass window.
- ◆ 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 (SS-304), the robust housing is made of CRC sheet duly powder coated.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Temperature Control	Microprocessor Based Digital Temperature Indicator-Cum-Controller with LED Display for Set Value (SV) & Process Value (PV)
Temperature Constancy	$\pm 0.5^{\circ}\text{C}$
Temperature Setting and Display	Digital -LED in 0.1°C increments
Rotations of the rotating rack	10 - 20 rpm
Electrical Connection	230V /50 60 Hz/0.55 KW

Model	Temperature Range
#HI-219(HT)	From 5°C above ambient to 60°C
#HI-219(HC)	From 10°C to 60°C (Refrigerated Model)

OPTIONAL

1	Clip Wheel and Spring Clamps & Spring Clips made of stainless steel, with holes for spring clips. Two more clip wheels can be inserted to double the capacity of shorter vessels. Two spring clips are required for each bottle. The required fixing material is supplied with each clip. #Ø 32 mm, (16/32*), #Ø 38 mm, (8/16*), #Ø 51 mm, (8/16*)	
2	Special Hybridization Bottles made of borosilicate glass, plastic screw cap. #Ø 60 mm, 200 mm length	
3	Mini Rocker Platform at base	