

Hybridisation Incubators, Hybridiser



HB-1D & Hybrigene HB-3D

The Techne Hybridiser HB-1D and Hybrigene range of hybridisation ovens accept a variety of multiple tube types and maintain uniform hybridisation of the membrane with the minimum volume of liquid.

Hybridiser HB-1D

- Adjustable rotation speed.
- High capacity; up to 24 mini tubes or 6 unique large tubes.
- Unique double glazed glass door; quiet and safe, providing durable protection.

Hybrigene HB-3D

- Versatile quality at an affordable price offering excellent temperature accuracy and uniformity.
- The Hybrigene is Techne's compact, stackable alternative to the hybridiser HB-1D - for when quality is important and throughput is not a priority.
- Stack up to 3 hybridisers, saving on valuable laboratory space.
- Holds up to 16 mini and 4 large glass tubes.

Both models offer

- Tube formats which allow sizes to be mixed and matched within an instrument.
- The ability to accommodate tubes and other accessories at the same time.
- Low probe volume; volumes as low as 5ml can be used and recovered
- Unique "slot-in" tubes with tube rotation speed of 0 to 20 rpm.
- Tube holders which each hold up to 16 x 15ml or 8 x 50ml tubes
- Radioactive safe; designed to minimise risk to the user
- Adjustable speed rocking platform; (5-20/15-60opm).
- Static shelf for use when heating without movement is required
- Drip tray which is removable for easy cleaning
- Specially designed end-caps (lids) through which probe can be both added and recovered.
- Membrane separation facility.
- Accurate temperature; in tube temperature stabilities of better than $\pm 0.1^{\circ}\text{C}$



HY/65002

Technical Specifications

Model	Hybrigene	Hybridiser
Max glass tube capacity	16	24
Maximum Temperature	80°C	100°C
Minimum Temperature	10°C above ambient	10°C above ambient
Adjustable rotation speed	0, 5 to 20 rpm	0, 5 to 20 rpm
Adjustable rocking platform	5-20 or 15-60opm	5-20 or 15-60opm
Stability in chamber	<1.0°C	<1.0°C
Stability in tubes	< $\pm 0.1^{\circ}\text{C}$	< $\pm 0.1^{\circ}\text{C}$
Uniformity in chamber	< $\pm 1.5^{\circ}\text{C}$	< $\pm 1.5^{\circ}\text{C}$
Uniformity in tube	< $\pm 0.5^{\circ}\text{C}$	< $\pm 1.0^{\circ}\text{C}$
Temp. set point resolution	0.1°C	0.1°C
Absolute accuracy	< $\pm 0.3^{\circ}\text{C}$	< $\pm 0.3^{\circ}\text{C}$
Net weight	15kg	20kg
Size (mm) D x W x H, mm	355x383x432	285x385x555

Cat. No.	Code	Description
HY/65002	HB-1D	Hybridiser
HY/65004	HB- 3D	Hybrigene



HY/65004