

Hybridisation Incubators

The flexibility you need with the quality you expect from an established world leader in temperature control instrumentation. Ideal for blotting techniques in which RNA and DNA or protein are immobilised onto nylon or nitrocellulose filters.

Hybrigene HB-3D

- Temperature range from 10°C above ambient to 80°C
- Can hold up to 16 mini or 4 large glass tubes
- Flexibility at an affordable price, offering excellent temperature accuracy and uniformity
- The Hybrigene is a compact, stackable alternative to the Hybridiser HB-1D - for when space is important
- Stack up to 3 ovens, saving on valuable laboratory space

Hybridiser HB-1D

- The famous Hybridiser HB-1D is compact, easy to use and provides complete protection from hybridisation hazards
- A temperature range of 10°C above ambient to 100°C
- High capacity which can hold up to 24 mini tubes or 6 unique large tubes
- Hybridisations can be performed with a minimal volume of 5ml of probe
- Adjustable feet to enable accurate leveling
- Unique double-glazed glass door; quiet and safe, providing durable protection

Technical Specification

	Hybrigene HB-3D	Hybridiser HB-1D
Maximum glass tube capacity	16 mini tubes	24 mini tubes
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 15-60 opm	5-20 or 15-60 opm
Stability in chamber	<1.0°C	<1.0°C
Stability in tubes	<±0.1°C	<±0.1°C
Uniformity in chamber	<±1.5°C	<±1.5°C
Uniformity in tube	<±0.5°C	<±1.0°C
Temp. set point resolution	0.1°C	0.1°C
Absolute accuracy	<±0.3°C	<±0.3°C
Dimensions L x W x H (mm)	355 x 383 x 432	285 x 385 x 555
Voltage	230V, 50-60Hz	230V, 50-60Hz
Power	750W	750W
Shipping Weight	21kg	24 kg



Hybrigene



HB-1D

Ordering Information

Product Code	Description
FHB4DD	Hybrigene HB-3D hybridisation incubator, 230V (no tubes supplied please order separately)
FHB4DDT	Hybrigene HB-3D hybridisation incubator, 230V (including 4 large hybridisation tubes FHB16)
FHB1DE	Hybridiser HB-1D hybridisation incubator, 230V (no tubes supplied please order separately)
FHB1DG	Hybridiser HB-1D hybridisation incubator, 230V (including 3 large hybridisation tubes FHB12)

Hybridisation Accessories

Incubator Accessories

Tube holders

Tube holders with clips, available to carry 16 x 15ml or 8 x 50ml tubes. Ideal for higher throughput of smaller samples.

Selectable speed rocking platform

It sits neatly in the base of the unit while still allowing a number of hybridisation tubes to be placed above. Made from stainless steel, the rocking platform enables membranes to be processed using a wave motion. Speed range of 0 to 60 oscillations per minute.

Static shelf

Up to 2 (Hybrigene HB-3D) or 3 (Hybridiser HB-1D) static stainless steel mesh shelves can be placed into the tube locators allowing the unit to be used as a simple non-motion incubator. Each shelf can hold up to 4kg.

Membrane separators

Strong, re-usable porous mesh sheets for placing between membranes. Ensures even hybridisation when processing multiple hybridisation membranes in one tube. Available in packs of 5 (20 x 20cm).

Hybridisation tube rack

Useful storage facility for tubes during membrane loading or when not in use. Carries up to 3 large and 3 small tubes.

Ordering Information

Product Code	Description
FHB1/PLAT	Rocking platform (HB-1D only) 0-60opm
FHB4/PLAT	Rocking platform (HB-3D only) 0-60 opm
FHBSH1	Stainless steel mesh shelf (HB-1D only)
FHB4SH1	Stainless steel mesh shelf (HB-3D only)
FMEM2020	Membrane separators 20 x 20cm (pack of 5)
FHTRACK	HTH-1 tube rack holder (holds 3 large and 3 small tubes)
FHB4WALL	Hybrigene HB-3D incubator wall fixing kit
FHB4DKIT	Complete kit for stacking 3 Hybrigene HB-3D units
FHB4DSTK	Hybrigene HB-3D incubator stacking kit (secures two units together)

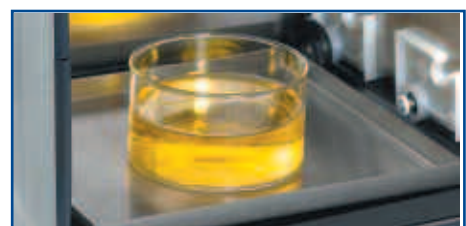


Holder F15ML1TH (HB-1D only)
Holder F15ML4TH (Hybrigene only)

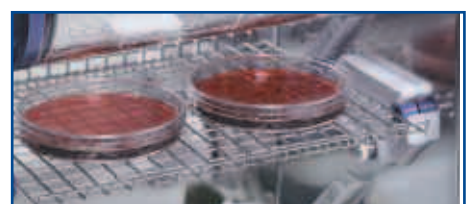
(Please note: tubes are not supplied)



FHTRACK (tube rack)



Adjustable speed rocking platform



Static shelf