

HERAEUS® HERAHYBRID 6 AND 12 HYBRIDISATION INCUBATORS

Kendro Laboratory Products offers high-quality hybridisation ovens at an attractive price. Hybridisation ovens have been used for many years to support blotting techniques in molecular biology. Especially when radioactive labelling is involved hybridisation ovens allow for better control of safe sample handling.



Advantages

- Low space requirements
- Precise microprocessor control
- Positioning switch for rotation unit

◀ Hybridisation ovens offer a wide range of applications

However, use of the Heraeus® HERAHybrid is not limited to research laboratories. It is an easy to use work horse for routine analysis of DNA samples in diagnostic, forensic, and bioengineering applications.

Excellent performance

Precise microprocessor controls allow for reliable hybridisation and excellent reproducibility. A positioning switch ensures easy loading of hybridisation bottles into the instrument.

Two different sizes

Kendro's hybridisation ovens vary in bottle capacity and speed setting options.

HERAHybrid 6 is designed to accommodate six hybridisation bottles of up to 300 mm length turning with constant speed of 7 rpm. HERAHybrid 12 has capacity for 12 bottles of up to 300 mm length and allows for variable speed settings in the range of 0-15 rpm.

Safety

Drip tray and rotation unit are easily disassembled for optimum cleaning of the oven chamber. All fixtures are made of high-quality stainless steel providing corrosion protection and easy cleaning. A door interlock automatically stops the rotation unit when the instrument is opened.

The built-in overtemperature protection allows for unattended operation. The door frame with its silicone insert ensures complete sealing of the oven chamber. The insert can be easily replaced if necessary. In addition, in HERAHybrid 12 the rotation unit has a Teflon coated surface to prevent scratching of the glass bottles.

HERAHybrid complies to IEC 1010 safety regulations and EMV guidelines.

TECHNICAL SPECIFICATIONS



HERAhybrid 12 with variable speed settings



Hybridisation bottles in three different sizes

Type		Unit	HERAhybrid 6	HERAhybrid 12
Mechanical Features				
Dimensions exterior casing ¹⁾	W/H/D	mm	550 x 345 x 355	445 x 535 x 455
Interior	W/H/D	mm	373 x 272 x 230	373 x 367 x 300
Interior volume		l	23	41
Rotation unit			standard	standard
Weight		kg	approx. 18.5	approx. 34.5
No. of bottles large/small	pieces	mm	6 x 300/12 x 100	12 x 300/24 x 100
Bottle dimensions	diameter	mm	40	40
	length	mm	300/150/100	300/150/100
Thermal Features				
Set temperatures		°C	Ambient temperature +10 °C to 99.9 °C	
Temperature accuracy (time)		°C	0.1	0.1
Rotor speed		rpm	7	0 – 15
Electrical Features				
Rated voltage		V~	230 ± 10%	230 ± 10%
Rated frequency		Hz	50/60	50/60
Power consumption		Watt	700	700
Current consumption		A	3	3
Protection class acc. to DIN 12880 Part 1			3.1	3.1

¹⁾ without handle

ORDER NUMBERS

Unit (without accessories)	Order No.
HERAhybrid 6	50045607
HERAhybrid 12	50045608

Accessories		Order No.
Bottle	length 300 mm	50046626
Bottle	length 150 mm	50046627
Bottle	length 150 mm	50046628
Bottle rack for six bottles		50046629
Hybridisation net	Pack of five	50048309

For Ordering or Technical Information

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