

# hybridisation/incubators

With 21 models available, Cleaver Scientific incubators offer the utmost in choice and flexibility to the laboratory scientist. Each incubator model comprises microprocessor control of temperature in precise 0.1°C increments as well as continuous and programmable timer function, which are easily viewed within a 2.6" LCD screen. Advanced ventilation design technology maintains temperature uniformity and accuracy within ±0.2°C. The standard incubator model is supplied with stainless steel mesh shelves, while other more sophisticated models are available with specialist vortex, orbital, rocking and reciprocal shaking platforms. All of the incubators, except the basic model, may be supplied with hybridisation rotisseries for enhanced function.

## HYBRIDBASIC

Entry model, HYBRIDBASIC provides a uniform temperature environment, controlled by a digital microprocessor. The internal air circulation system ensures that the temperature is homogenous while the user friendly, intuitive interface and digital display allow easy operation and control.

## HYBRIDVX

HYBRIDVX features the same digitally controlled environment with the added benefit of a vortex platform for 4 microplates. Vortex action can vibrate from 5-1500rpm.

## HYBRIDROK

The HYBRIDROK incubator includes a rocking shaker platform which allows the mixing of different sized containers simultaneously in a uniform temperature environment. The platform is 270mm x 200mm, allows stacking of an additional platform and is controllable from 5-100rpm.

## HYBRIDREC

The HYBRIDREC incubator has a reciprocating platform enabling the user to place samples on a flat surface when only side to side motion is required on a 270mm x 200mm stackable surface. The reciprocating action can be controlled from 5-100rpm.

## HYBRIDORB

The HYBRIDORB is equipped with an orbital shaker which can rotate from 0 - 200rpm. The platform has fittings which allow different sized samples to be processed at one time. An additional platform can be stacked, increasing capacity.

## HYBRIDORB-R-8,-16 & -24

The HYBRIDORB-R incubator has all the benefits of the HYBRIDORB but has the added versatility of the rotisserie system for holding the full variety of hybridization tubes available.

## HYBRID-R-8, -16 & 24

The HYBRID-R incubator has all the features of the HYBRIDBASIC with the added benefit of a Rotisserie system. The rotisserie system allows for up to 24 hybridization tube samples to be incubated at a time. Three different rotisserie options are available for 8 x 35mm tubes, 16 x 50ml tubes or 24 x 15ml tubes.

## HYBRIDVX-R-8, -16 & 24

The HYBRIDVX-R incubator has all the benefits of the HYBRIDVX but has the added versatility of the rotisserie system for holding the full variety of hybridization tubes available.

## HYBRIDROK-R-8, -16 & 24

The HYBRIDROK-R incubator has all the benefit of the HYBRIDROK but has the added versatility of the rotisserie system for holding the full variety of hybridization tubes available.

## HYBRIDREC-R-8, -16 & 24

The HYBRIDREC-R incubator has all the benefits of the HYBRIDREC but has the added versatility of the rotisserie system for holding the full variety of hybridization tubes available. The system allows stacking of an additional platform.



HybridBASIC

- Digital Microprocessor Control
- 128 x 64 Dot Matrix Display
- Chamber Temperature: Ambient to 85°C
- Temperature Increase: 0.1°C
- Temperature Uniformity
- Chamber Temperature Accuracy at 37°C ± 0.2°C

### Technical Specifications

CHAMBER TEMPERATURE	AMBIENT TO 85°C
TEMPERATURE INCREASE	0.1°C
TEMPERATURE UNIFORMITY IN WORKING AREA AT 37°C	± 0.2°C
CHAMBER TEMPERATURE ACCURACY AT 37°C	± 0.2°C
ROTISSERIE SPEED (ALL MODELS)	5-100 RPM
VORTEX PLATFORM SPEED	5-1500 RPM
ORBITAL PLATFORM SPEED	0-200 RPM
ROCKING PLATFORM SPEED	5-100 RPM
RECIPROCAL PLATFORM SPEED	5-100 RPM
CHAMBER DIMENSIONS	340x260x250 MM
OVERALL DIMENSIONS	360x440x430 MM
WEIGHT	25 KG (APPROX)



HybridREC-R-8, -16, -24



HybridORB-R-8, -16, -24



HybridVX-R-8, -16, -24



HybridROK-R-8, -16, -24



Hybrid-R-8, -16, -24



HybridORB

### Ordering Information

Incubator System	Including Hybridisation Rotisserie		
	8x 40mm Tube Rotisserie	16x 40ml conical tube rotisserie	24x 15ml tube rotisserie
CSL-HYBRIDBASIC Incubator only with 2 stainless steel shelves	n/a	n/a	n/a
CSL-HYBRIDVX Vortex Incubator with 200x300mm platform for 4 microplates	CSL-HYBRIDVX-R8	CSL-HYBRIDVX-R16	CSL-HYBRIDVX-R24
CSL-HYBRIDROK Rocking Incubator with 270x200mm platform	CSL-HYBRIDROK-R8	CSL-HYBRIDROK-R16	CSL-HYBRIDROK-R24
CSL-HYBRIDREC Reciprocal Incubator with 270x200mm platform	CSL-HYBRIDREC-R8	CSL-HYBRIDREC-R16	CSL-HYBRIDREC-R24
CSL-HYBRIDORB Orbital Incubator with 270x200mm platform	CSL-HYBRIDORB-R8	CSL-HYBRIDORB-R16	CSL-HYBRIDORB-R24
n/a Hybridisation Incubator	CSL-HYBRID-R8	CSL-HYBRID-R16	CSL-HYBRID-R24
<b>Accessories</b>			
CSL-HYB-SSMP Stainless Steel Mesh Plate 32.5 x 34.5 cm for MO-01	CSL-HYBFH-250	250 ml Flask Holder	
CSL-HYB-SH Supporting Holders for Stainless Steel Mesh Plate, pack of 4	CSL-HYBFH-500	500 ml Flask Holder	
CSL-HYB-8RT 35 mm tube Rotisserie for 8 tubes	CSL-HYBBT40X150	Glass Bottle 40 x 150 mm	
CSL-HYB-16RT 50 ml conical tube Rotisserie for 16 tubes	CSL-HYBBT40X200	Glass Bottle 40 x 200 mm	
CSL-HYB-24RT 15 ml conical tube Rotisserie for 24 tubes	CSL-HYBBT40X300	Glass Bottle 40 x 300 mm	
CSL-HYB-P2720 27 x 20 cm Platform for Rocking Shaker, Reciprocal Shaker, Orbital Shaker and Vortex Shaker			

For 110 V AC, please add '-\$' as a suffix to the appropriate code

Please enquire about the lead times of these products before ordering.