

Cole-Parmer[®] Stuart[™] Hybridisation Incubator and Shaker Oven – SI30H

- Versatile hybridisation incubator
- Precise and accurate temperature control
- Dual motion - rotisserie and rocker in one unit
- Easy access to samples - up-and-over door
- Advanced safety features
- Compact design





SI30H with hybridisation bottles with PTFE screwcaps

Cole-Parmer® Stuart™ Hybridisation Incubator and Shaker Oven – SI30H

The Cole-Parmer® Stuart™ SI30H hybridisation incubator & shaker oven is ideal for nucleic acid hybridisation applications, such as Northern, Southern, and Western blots.

Temperature is accurately set using the intuitive encoder controls and continuously displayed by LED. Forced air circulation combined with microprocessor control ensure outstanding temperature uniformity.

The compact incubator comes with two built-in shakers - a rotisserie shaker with adjustable rotational speed of 2 to 10 rpm and a platform shaker with adjustable rocking speed of 5 to 70 oscillations/minute.

The built-in safety features offer protection from overheating; the system automatically tracks the temperature, adjusts the heater, and cuts off power to the motor in the event of a fault.

A purpose-built design offers unobstructed access to samples with an up-and-over door, while stainless-steel interior allows for easy cleaning, and double-glazed panel of smoked acrylic and polycarbonate door provides radiation protection.

Technical Specification

Specification	SI30H
Nominal capacity	20 litres
Temperature range	Ambient + 8°C to 80°C
Temperature fluctuation (at 37°C)	±0.1°C
Temperature variation	±0.5°C
Display type	LED
Display resolution	0.1°C
Number of rotisseries	1
Rotational speed range	2 to 10rpm
Rocker speed range	5 to 70 oscillations / minute
Internal dimensions, mm (w x d x h)	286 x 230 x 200
Overall dimensions, mm (w x d x h)	380 x 380 x 435
Net weight, kg	24
Electrical supply	230V, 50Hz, 350W
IP Rating 30	30

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Hybridisation oven/shaker	39454-05	INC-200	INC-200D-H	SI30H
Hybridisation oven/shaker 120/60HZ	39454-00	INC-200	INC-200D-H-120	SI30H/120V/60
Spare rotisserie for 7 x 40mm diameter bittles (holds 6 plus 1 in the centre)	39454-95	INC-200	N/A	SI20H/1
Accessory rotisserie for 2 x 75mm diameter bottles	39454-96	INC-200	N/A	SI20H/2



Hybridisation bottles for use in Stuart incubators

Cole-Parmer® Stuart™ Hybridisation bottles

Bottle hybridisation minimises probe volumes, reduces reagent volumes and enhances signal intensity. Made from Pyrex® borosilicate glass Stuart® hybridisation bottles are robust and can easily withstand the temperatures of the most rigorous hybridisation techniques. The thermoplastic polyester caps are very rigid and will not distort during repeated heating

in the incubator which can lead to leakage. The seal is made by a PTFE faced insert that covers the entire inside of the cap making very good contact with the glass thread. Available in three sizes, each bottle comes complete with cap and a care leaflet.

Ordering Information

Description	Ordering Number	Model No.	Overall length	O.D.	I.D.	Wall thickness
Hybridisation Bottle	39454-97	SI20H/3	260mm	40mm	33.6mm	3.2mm
Hybridisation Bottle	39454-98	SI20H/4	260mm	75mm	68.6mm	3.2mm
Hybridisation Bottle	39454-99	SI20H/5	170mm	40mm	33.6mm	3.2mm

Note: Stuart Hybridisation bottles are suitable to be autoclaved

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