



- Optional Rocking & Orbital Platforms
- Repeatable Digital Tacho Control
- 3 User Definable Program Presets
- Holds Up To 18 Hybridisation Bottles
- 28°C to 99.9°C Control Range
- Digital PID Control & Large Displays

Four Machines in One

The H035 is an extremely versatile compact incubator/oven that can be transformed from a hybridisation oven, to rocking incubator, to shaking incubator, to static incubator in a matter of seconds. The heated cabinet features base mounted drive rollers that accommodate a range of drop-in accessories, making it an extremely cost-effective machine to have in the lab. When required, the H035 can be put to work performing multiple tasks using different accessories.



SPECIFICATIONS

H035	
Mixing action	<ul style="list-style-type: none"> • Rocking (with H035RP) • Rolling (with H035C50) • Orbital (with H035OP) 20mm orbit
Platform size	<ul style="list-style-type: none"> • 268 x 268 mm (H035OP) • 300 x 300 mm (H035RP)
Speed range	<ul style="list-style-type: none"> • 4-100 RPM (H035RP) • 2-20 RPM (H035C50) • 4-100 RPM (H035OP)
Speed control type	Digital + Tacho
Timer	0-99 mins/hrs
LED speed & time display	Yes
Speed & time user program presets	3
Motor	Long life super-quiet brushless AC
Transmission type	Silent Belt
Temperature control range	Ambient +6°C to 99.9°C. (min 28°C)
Temperature control type	Digital PID with LED display
Safety features	<ul style="list-style-type: none"> • Motion interrupt stop • Slow start • Unbalanced load stop • Over temperature audible alarm • Over temperature cut-out
Power input	240V AC/500W
Chamber size	W330 x H350 x D320mm
Overall dimensions	W400 x D520 x H540mm
Nett weight	34 kg

When used with the H035C50 carousel the oven will hold up to 18 hybridisation bottles or 40 x 15mL tubes and delivers precision speed controlled rolling up to 20 RPM, which is ideal for northern and southern blot hybridisations.

The drop-in mixing platforms allow shaking or rocking up to 100 RPM and can be interchanged without tools of any sort to transform the unit into a traditional shaking incubator ideal for life-science work. Shelves are also available which allow the H035 to operate as a static incubator.

The sealed cabinet and double-lined window gives excellent spacial temperature uniformity. Temperature is controlled by Ratek's precision digital PID system with highly visible large red LED displays making it easily monitored from across the lab.

RELATED PRODUCTS

Product Code	Description
H035C50	Hybridisation oven carousel to suit 18 x 50mm diameter bottles
H035RP	Hybridisation oven rocking platform
H035OP	Hybridisation oven orbital platform
H035SH	Hybridisation oven shelf
H035C40	Hybridisation oven carousel to suit 40 x tube clips

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