

Cole-Parmer®

Cole-Parmer® Incubators - HI-200, HI-200D

- Accurate and precise incubators; temperature stability of $\pm 0.1^{\circ}\text{C}$ within tubes
- Rotisserie shaker with adjustable rotational speed from 0 to 20 rpm
- Platform shaker with rocking speed up to 60 oscillation/minute
- Functional design with unique "slot-in" sample tubes
- Radioactive safe - protective casing and non-drip tubes
- Usability and recovery of low volumes of probes ($\geq 5\text{ml}$)
- Tubes and accessories can be assimilated for multiple uses
- Removable drip-tray for easy cleaning
- Adjustable feet for levelling on uneven surfaces



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The Cole-Parmer® HI-200 and HI-200D incubators are ideal for nucleic acid hybridisation applications such as Northern, Southern, and Western blots in which RNA, DNA or protein are immobilised onto nylon or nitrocellulose filters.

HI-200

The HI-200 incubator is compact, easy to use, and provides complete protection from hybridisation hazards. The high-capacity unit can hold up to 24 mini tubes or 6 large ones, with temperature ranging between 10°C above ambient to 100°C. The double-glazed glass door provides durable protection, quiet and safe operation, minimising risk to the user.

HI-200D

The HI-200D incubator is a compact, stackable alternative to the HI-200D. With a temperature range of 10°C above ambient to 80°C, the incubator offers excellent temperature accuracy and uniformity at an affordable price. Three ovens can be stacked to save valuable bench space and each unit can hold up to 16 mini or 4 large glass tubes.



Technical Specification

Specification	HI-200	HI-200D
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	±0.5°C
Temperature 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	24kg

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
HI-200 hybridisation incubator, 120V (including 3 large tubes FHB12)	39455-01	HI-200	HI-200D-HC-T-120	FHB1DB
HI-200 hybridisation incubator, 230V	39455-02	HI-200	HI-200D-HC	FHB1DE
HI-200 hybridisation incubator, 230V (including 3 large tubes FHB12)	39455-03	HI-200	HI-200D-HC-T	FHB1DG
HI-200D hybridisation incubator, 230V	39455-04	HI-200	HI-200	FHB4DD
HI-200D hybridisation incubator, 230V (including 4 large tubes FHB16)	39455-06	HI-200	HI-200-T	FHB4DDT
HI-200D hybridisation incubator, 120V	39455-07	HI-200	HI-200-120	FHB4DP
HI-200D hybridisation incubator, 120V (including 4 large tubes FHB16)	39455-08	HI-200	HI-200-T-120	FHB4DPT

Cole-Parmer® Incubators HB-3D and HB-1D accessories

Ordering Information

Description	Ordering Number	HB-3D	Ordering Number	HB-1D
Tube carrier with clips to hold 16 x 15ml tubes	39455-29	F15ML4TH	39455-28	F15ML1TH
Tube carrier with clips to hold 8 x 50ml tubes	39455-31	F50ML4TH	39455-34	F50ML1TH
*Tube carrier with clips to hold 4 x mini 32mm tubes	39455-24	FHB61	39455-24	FHB43
Rocking platform 0-60opm	39455-16	FHB4PLAT	39455-09	FHB1PLAT
Stainless steel mesh shelf	39455-22	FHB4SH1	39455-26	FHB5H1
Large (80mm) glass tube with end caps	39455-13	FHB16	39455-11	FHB12
Small (44mm) glass tube with screw caps	39455-15	FHB36	39455-14	FHB32
**Mini (32mm) glass tubes with screw caps (pack of 4)	39455-17	FHB41	39455-17	FHB41
Mini tube holder	39455-24	FHB61	39455-18	FHB43

*FHB41 glass tubes require this mini tube carrier.

**Requires mini tube holder.

Ordering Information

Description	Ordering Number	Legacy Sku.
Membrane separators 20 x 20cm (pack of 5)	39455-32	FMEM2020
HTH-1 tube rack holder	39455-27	FHTRACK
HB-3D incubator wall fixing kit	39455-23	FHB4WALL
Complete kit for stacking 3 HB-3D units	39455-19	FHB4DKIT
HB-3D incubator stacking kit (secures two units)	39455-21	FHB4DSTK



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