

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





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

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-200. 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 |

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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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