

Certomat[®] H | HK

Incubation hoods for benchtop shakers



The incubation hoods provide a temperature-controlled environment for cultivation of cells on benchtop shakers. While the CERTOMAT[®] H is used for conditions above ambient temperature, the CERTOMAT[®] HK can be attached to an external cooling system in order to reach incubation temperatures down to +10°C. Temperature distribution is controlled by a strong airflow. CERTOMAT[®] H and HK incubation hoods are compatible with all CERTOMAT[®] benchtop shakers using trays of the E/EU series.

Technical specifications

Mechanical Data	
Dimensions	W + H + D = 668+426+662 mm (CERTOMAT [®] H)
	W + H + D = 668+517+662 mm (CERTOMAT [®] HK)
Incubation chamber	W + H + D = 520+420+600 mm
Weight	Approx. 20 kg
Housing	Plexiglass
Protection	IP21
Electrical data	
Connection	Class I cold socket, separate cable approx. 3 m
Protection class	I
Line voltage	230 V 50 Hz or 115 V 60 Hz, adjustable
Heating capacity	500 W
Power supply	2.5 A at 230 V or 5 A at 115 V
Fuses	3.15 A at 230 V, 6.3 V at 115 V
Interference	Class N according to EN 55014-2
Operating data	
Incubation temperature	RT +8°C to +60°C (CERTOMAT [®] H)
	+10°C to +60°C (CERTOMAT [®] HK), with external cooling
Accuracy	37°C +/- 2°C, 60°C +/- 5°C
Setting/display	LED
Memory function	Restart after power failure
Alarms	visual
Air circulation	> 80 m ³ /h
Ambient temperature	+10°C to +35°C
Humidity	Avoid extreme humidity