Incubators

HettCube 600 | 600 R

Efficient use of valuable space

Building on the base of the 400 model, the HettCube 600 has a maximum validated usuable space of 351 L. This model is capable of holding up to 1,800 petri dishes.

This unit is available with refrigeration and a temperature range from 0 °C to +65 °C (HettCube 600 R).

▬ Highlights

- Maximal validated usable space on a small footprint
- One-hand operation without additonal inner door
- 4.3 inch touch displayfor intuitve operation
- Automatic door closure with magnetic seals, door orientation can be easily changed
- Low noise level of ≤ 44 dB(A)
- TÜV certified
- Factory certificate HettCert with 9 measuring points according to DIN 12880:2007-5 standard
- HettCube without cooling requires only 1°K (1 °C) above stable ambient temperature
- No interior fan
- Model variants with IVDR approval incluiding DIN 62304 standard
- Inclusive: 3 standard shelves and 1 HTS shelf with telescopic rail

Additionally for cooled models:
- Temperature drop with holiday function
- Temperature selection monitor class 3.2
- Easy integration of external devices via the switchboard (optional)

▬ Feature

- At a glance display of: settings, future programs and target/actual values, temperaure drops, events
- real-time calender
- More individual settings: Flexible door alarm, asymmetric tolerance band
- Three different power failure scenarios
- Logbook: records of every door opening, events, alarms and operating hours
- Language options EN, DE, FR, ES
- Wide range of program functions: Start after time, start after temperature, standstill segment
- Programs and temperature settings transferable to other HettCubes without additional software
- Interior made of high-quality stainless steel

Special accessories:
- Shelfs and racks for storage of samples
- Shelf for Petri Dishes
- Tightly welded HTS drawers (various heights)

Technical data

	HettCube 600 incubators	HettCube 600 R cooled incubators
Temperature range	1 K above ambient temperature up to +65 °C	0 °C up to +65 °C
Exterior dimensions (without bushing and door handle) W x D x H in mm	710 x 825 x 1990	710 x 825 x 1990
Interior dimensions W x D x H in mm	535 x 690 x 1415	535 x 690 x 1415
Internal volume in liters	520	520
Validated usable volume in liters	351	351
Percentage validated usable volume / internal volume	67 %	67 %
Footprint in m²	0,6	0,6
Weight in kg	164	175
Number of trays provided as standard	4 (3 standard + 1 HTS)	4 (3 standard + 1 HTS)
Temperature fluctuation at +37 °C	± 0.1 K	± 0.1 K
Temperature uniformity at +37 °C	± 0.2 K	± 0.2 K
Temperature uniformity at +25 °C	± 0.1 K	± 0.1 K
Recovery time after door has been opened for 30 s at +37 °C	≤ 5,5 min	≤ 5,5 min
Energy consumption at +37 °C	0.046 kWh/h	0.046 kWh/h
Noise level	≤ 41 dB (A)	≤ 44 dB (A)
Power supply	220 – 240 V 1 ~ / 50 – 60 Hz	220 – 240 V 1 ~ / 50 – 60 Hz
Cat. No.	**66000**	**66005**
Non-lvD version	66001	66006

Other voltages

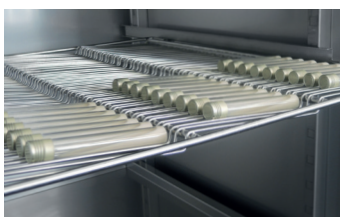|		
100-120 V 1 ~ / 50 – 60 Hz	66000-01	66005-01

Watch our animation video of the HettCube on YouTube.

37.0 °C

options and accessories

Switchboard

Rack for Loewenstein application

Rack for petri dishes

	Cat. No.
Shelf (Set) I Made of stainless steel, with standard rails, max. load (kg): 50	60001
Shelf (HTS-Set) I Made of stainless steel, with telescopic rails, extendable up to 70 %, max. load (kg): 40	60031
Drawer (HTS-Set), High 30 mm I Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60024
Drawer (HTS-Set), High 65 mm I Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60025
Drawer (HTS-Set), High 105 mm I Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60026
Rack (HTS-Set) I For Petri dishes, stainless steel, with telescopic rails, extendable up to 70 %, Petri dishes Ø (mm): 90, max. load (pcs): 90	60038
Rack (Set) I For Petri dishes, stainless steel, with standard rails, Petri dishes Ø (mm): 90, max. load (pcs): 90	60039
Rack I For Petri dishes, stainless steel, Petri dishes Ø (mm): 90, max. load (pcs): 90	60040
Rack (HTS-Set) I For inclined storage of cultures (Loewenstein), stainless steel, with telescopic rails, extendable up to 70 %, inclination angle: 5°, tube Ø (mm): 15-20, max. load (pcs): 81tube	60036
Rack (Set) I For inclined storage of cultures (Loewenstein), stainless steel, with standard rails, inclination angle: 5°, tube Ø (mm): 15-20, max. load (pcs): 81 tubes	60037
Rack I For inclined storage of cultures (Loewenstein), stainless steel, inclination angle: 5°, tube Ø (mm): 15-20, max. load (pcs): 81 tubes	60041
Frame L, 16-place I Made of stainless steel, for inclined storage of cultures, tube Ø (mm): 15-20, Tube length (mm): 100-125, inclination angle 5° or 20 °	60027
Frame XL, 16-place I Made of stainless steel, for inclined storage of cultures, tube Ø (mm): 15-20, Tube length (mm): 126-170, inclination angle 5° or 20 °	60028
Switchboard I 4-fold socket strip, as a unit controllable via display, on the back of the device	60521
Independent PT 100 sensor I For independent temperature measurement, four-wire system, temperature values output with analogue output 4-20 mA on the back of the device	60503
Passive dehumidification I For individual or timed opening of a dehumidification module via the touchscreen	60042
Service: Assembly of the Stacking kit for the HettCube 200 I 200 R	60043
Service: Changing the door hinge	60044
Glass door I All-glass outer door, for HettCube 200 I 200 R	60030
Glass door I All-glass outer door, for HettCube 400 I 400 R	60029
Glass door I All-glass outer door, for HettCube 600 I 600 R	60013
Access port I Ø (mm): 22, Foam stoppers	60006
Access port I Ø (mm): 42, Foam stoppers	60007
Access port I Ø (mm): 67, Foam stoppers	60008
Stacking kit I For safe stacking of two HettCubes 200 I 200 R	60009
Rolling cabinet I Lockable, with one drawer, incl. lockable castors, W x D x H (mm): 770 x 800 x 550, for HettCube 200 I 200 R	60010
USB Port Lock (Set) I For securing the USB-A interface. Set consisting of 10 securing clips and 1 USB key tool.	60525
Parameter for continuous cooling operation I For storing samples below 15 °C for more than 2 weeks	60526

▬ extensive standard equipment

4.3 inch touchscreen:
- Target / actual display
- Setting accuracy 0.1 ° C
- Real-time calendar
- Timer
- Language options (English, German, French and Spanish)
- Temperature diagram in 3 zoom levels (up to 4 weeks)
- Power failure scenarios
- Door alarm individually adjustable
- Log (door openings, alarms and operating hours)
- PIN lock
- Up to 99 program functions (Start/Stop, Period, Timer at start, Timer at temperature, ...)
- Temperature selection monitor class 3.1 for all models

Additionally with refrigerated devices
- Temperature reduction with holiday function
- Temperature selection monitor class 3.2 for all refrigerated models
- Programming external devices via switchboard (optional)

Control panel and door lockable simultaneously

USB service interface

Bushing on rear panel Ø 42 mm

Potential-free alarm output

Interior of high-quality stainless steel (W-St 1.4301 (ASTM 304))

In addition you get for free ...

3 standard shelves of stainless steel

1 HTS shelf of stainless steel with telescopic rails

Factory certificate (HettCert) – 9 points measurement analog to DIN 12880: 2007-05

Compensation for unneeded standard shelves*

* Choose other shelves / drawers as standard, we credit you the price of unused standard inserts.

▬ Certifications / Registrations

Product certification: | Product registration: | Company certifications:

Dimensions

825

1990

80

X

710

1490

X

43

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