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 IVD 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)

▬ FEATURES

- 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-IvD version	66001	66006

Other voltages

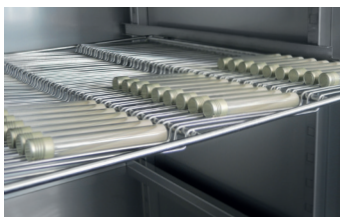|		
100-120 V 1 ~ / 50 – 60 Hz	66000-01	66005-01

Watch our animation video of the HettCube on YouTube.

OPTIONS AND ACCESSORIES

Switchboard

Rack for Loewenstein application

Rack for petri dishes

	Cat. No.
Shelf (Set) | Made of stainless steel, with standard rails, max. load (kg): 50	60001
Shelf (HTS-Set) | Made of stainless steel, with telescopic rails, extendable up to 70 %, max. load (kg): 40	60031
Drawer (HTS-Set), High 30 mm | Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60024
Drawer (HTS-Set), High 65 mm | Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60025
Drawer (HTS-Set), High 105 mm | Made of stainless steel, with telescopic rails, extendable up to 70 %, tightly welded, max. load (kg): 40	60026
Rack (HTS-Set) | For Petri dishes, stainless steel, with telescopic rails, extendable up to 70 %, Petri dishes Ø (mm): 90, max. load (pcs): 90	60038
Rack (Set) | For Petri dishes, stainless steel, with standard rails, Petri dishes Ø (mm): 90, max. load (pcs): 90	60039
Rack | For Petri dishes, stainless steel, Petri dishes Ø (mm): 90, max. load (pcs): 90	60040
Rack (HTS-Set) | 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) | 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 | 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 | 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 | 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 | 4-fold socket strip, as a unit controllable via display, on the back of the device	60521
Independent PT 100 sensor | 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 | For individual or timed opening of a dehumidification module via the touchscreen	60042
Service: Assembly of the Stacking kit for the HettCube 200 | 200 R	60043
Service: Changing the door hinge	60044
Glass door | All-glass outer door, for HettCube 200 | 200 R	60030
Glass door | All-glass outer door, for HettCube 400 | 400 R	60029
Glass door | All-glass outer door, for HettCube 600 | 600 R	60013
Access port | Ø (mm): 22, Foam stoppers	60006
Access port | Ø (mm): 42, Foam stoppers	60007
Access port | Ø (mm): 67, Foam stoppers	60008
Stacking kit | For safe stacking of two HettCubes 200 | 200 R	60009
Rolling cabinet | Lockable, with one drawer, incl. lockable castors, W x D x H (mm): 770 x 800 x 550, for HettCube 200 | 200 R	60010
USB Port Lock (Set) | For securing the USB-A interface. Set consisting of 10 securing clips and 1 USB key tool.	60525
Parameter for continuous cooling operation | 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.

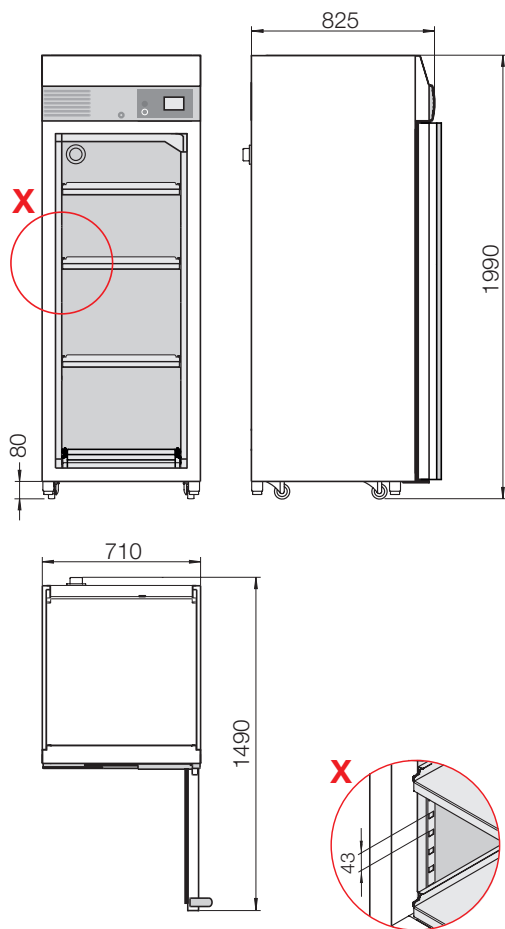## ━ CERTIFICATIONS / REGISTRATIONS

Product certification:

Product registration:

Company certifications:

DIMENSIONS

825

1990

80

710

1490

X

X

43

DOWNLOADS

↓ Operating Manual – HettCube 600 | 600 R

↓ Brochure – HettCube

↓ General Catalog

www.hettichlab.com

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