Premium Laboratory Equipment

Hei-VAP Ultimate - hand lift model with G3 XL vertical glassware

P/N: 575-01305-00



reddot winner 2020
interface design

DESIGN AWARD 2021

Most Innovative Product
SalesConvention
LLG AWARD 2019

Safety tested
Production monitored
TÜV SÜD
C US

Precise setting of rotation speed and heating bath temperature on the digital touch display or – for quick access during an active process – directly via the knobs on the operating panel.

- Central operating panel with 7“ touch display
- Hand lift model with G3 XL vertical glassware - achieve higher evaporation rates due to expanded cooling surface of 2,200 cm²
- Clear display of all values (Basic and Advanced modes)
- With timer, limitation of max. temperature, multilingual menu and text display for error messages
- Separate knobs for rotation and heating with locking function to prevent accidental readjusting
- LED ring lights and pictogram to display the activity even from a distance
- Integrated solvent library to facilitate adjustment of the required vacuum on an external vacuum controller
- USB and Micro SD plus LAN / RS 232 interfaces (Lab 4.0 ready)
- Optional display of vapor temperature
- Subsequent upgrade to Hei-VAP Ultimate Control possible, including vacuum and chiller control

Hei-VAP Ultimate - Technical Data

Rotasyon hız göstergesi	7" LCD color graphic display
İzin verilen ortam koşulları	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing lineary up to max 50% rel. humidity
Protection class (EN 60529)	IP 20
Asansör	Hand lift
Yüksek hız ayarı	manual
Yüksek ayar	155 mm
Sürüş	brushless DC motor with electronic speed control
Isıtma kapasitesi	1.300 W
Sıcaklık derecesi ısıtma banyosu	20 – 210 °C
Sıcaklık doğruluk banyo	±1K
Aşırı ısınma korumalı banyo	cut-off at 5 °C over set temperature via separate PT 1000
Banyo sıcaklık ayarı	7" LCD color graphic display
Isıtma banyosu sıcaklık kontrol	electronic / digital
İkincil aşırı ısınması kesme	250 °C
Isıtma banyo materyali	stainless steel V4A
Isıtma banyo çapı	255 mm
Isıtma banyo hacmi	Up to 6 liter (2.2 to 4.5 liter recommended filling volume, depending on the flask size and immersion angle used)
Buhar sıcaklık göstergesi	Yes
Buhar sıcaklık göstergesi için gereken aksesuarlar	Vapor temperature sensor
Entegre vakum kontrol	-
Zamanlayıcı	Yes
Programlanabilir ramplar	Yes

Güç sağlamak	1.400 W
Cam montajsız ağırlık	15 kg
Dimensions with glassware set G3 (w/d/h)	739 x 532 x 887 mm
Dimensions with glassware set G3 XL (w/d/h)	739 x 532 x 920 mm
Yoğuşmalı yüzey	1.400 cm²
Yoğuşmalı yüzey XL kondenser	2.200 cm²
Mak. ölçü evaporasyon balonu	5 l
Rotasyon hız derecesi	10 - 280 rpm
Integrated Hei-CHILL controller	-
Dynamic AUTOaccurate vakum program AUTOaccurate sensör gerektirir	-
Solvent libary	Yes