



Made in Germany

Bio Safety Cabinet

생물안전작업대 (BSC)

Lab Equipment Line



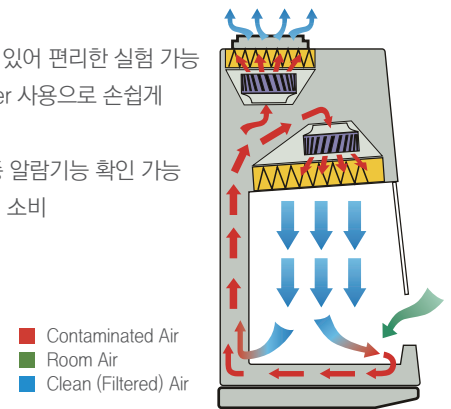
REVODIX
레보딕스(주)

Class II Type A2 SAVVY

베스트 셀러



- 뛰어난 Safety 기능
 - 공기를 통해 감염되는 미생물, 바이러스로부터 작업자를 보호하는 동시에 샘플을 외부 오염된 공기로부터 보호
 - 3중 압축 유리 사용으로 실험자의 시야를 확보함과 동시에 충격으로부터 보호
 - 사용자 안전이 강조된 Pull-out UV Unit
 - EN 12469:2000 인증(NSF49 대응)
- 편리한 사용
 - 비밀번호 사용으로 오작동 방지
 - 전면 유리재질로 작업자 시야 확보
 - Touch Screen 컨트롤러 채용
 - 높이 조절 받침대 및 팔 지지대가 있어 편리한 실험 가능
 - Gas-spring 및 Hydraulic Damper 사용으로 손쉽게 Sash 개방
 - 제품 전면부의 컨트롤러에서 각종 알람기능 확인 가능
 - 낮은 소음 레벨 47dB과 낮은 전력 소비



Main Characteristics

Installation work chamber air cleanliness class for suspended particle (aerosol) concentration as per ISO 14644-1	ISO 5
- for particles of 0.5µm and more	ISO M (20; ≥5µm); LSAPC
- for particles of 5.0µm and more	
Cabinet class according to EN 12469:2000, NSF/ANSI 49	II
Class of the installed H E P A-filters according to EN 1822-1	H14
Average velocity of the inflow through the work opening, m/s	0,47±0,03
Average downflow velocity in the working chamber, m/s	0,35±0,01
Air recirculation rate in the cabinet, %	70

Main parameters and dimensions

Article	2E-B.008-09	2E-B.008-12	2E-B.008-15	2E-B.008-18
Dimensions of the cabinet assembled with stand (WxDxH), mm	1000 x 810 x 2095	1200 x 810 x 2095	1500 x 810 x 2095	1800 x 810 x 2095
Dimensions of the cabinet with stand and completely				
Opened front sash /W x D x H/, mm	1000 x 810 x 2180	1200 x 810 x 2180	1500 x 810 x 2180	1800 x 810 x 2180
Dimensions of the work chamber (WxDxH), mm	905 x 610 x 700	1105 x 610 x 700	1405 x 610 x 700	1705 x 610 x 700
Height from bottom to work surface	840	840	840	840
Clean air inflow capacity, m³/h	656-674	795-817	1008-1036	1210-1245
Exhaust air capacity, m³/h	289-328	354-402	451-512	548-623
Maximum input power without built-in electric sockets, W, not more than	570	570	570	610
Maximum allowed load on the built-in electric sockets, W	1000	1000	1000	1000
Minimum illumination of the work zone (integral value determined along the whole area of the work zone), lx, not less than	2000	2000	2000	2000
Weight of the cabinet assembled with the stand (net), kg, not more than	215	255	300	335
Maximum noise level at 1 m distance from the cabinet, dBA	49	49*	57*	59*

* Noise level measured in the «Main Operation» mode in a considerably free sound field according to DIN EN ISO 11201:2010 over the sound reflecting surface (noise level in real-time operating conditions depends on the room size, the cabinet placement, and the background noise level and it can change in the range of 3-4 dB(A)). Uncertainty k = 2dB (A).

Class II Type A2 CYTOS

세포독성
물질 전용

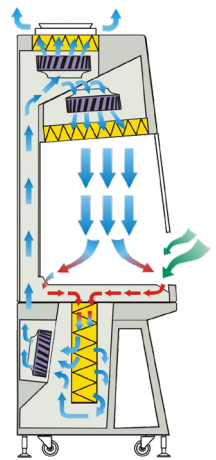


- 세포증식억제(Cytostatic), 세포독성(Cytotoxic) 시험용 BSC
 - 세포증식억제(Cytostatic), 세포독성(Cytotoxic) 시험에 탁월
- 뛰어난 Safety 기능
 - 4개의 H14 HEPA 필터로 오염된 공기를 한번 더 걸러주어 청정도를 높임
 - 공기를 통해 감염되는 미생물, 바이러스로부터 작업자를 보호하는 동시에 샘플을 외부 오염된 공기로부터 보호
 - 사용자 안전이 강조된 Pull-out UV Unit
 - EN 12469:2000 인증(NSF49 대응)
- 편리한 사용
 - 비밀번호 사용으로 오작동 방지
 - Touch Screen 컨트롤러 채용
 - 제품 전면부의 컨트롤러에서 각종 알람 기능 확인 가능



TOXIC
CYTOSTATIC

■ Contaminated Air
■ Room Air
■ Clean (Filtered) Air



Main Characteristics

Installation work chamber air cleanliness class for suspended particle (aerosol) concentration as per ISO 14644-1:2015	ISO 5
- for particles of 0.5µm and more	ISO M (20; ≥5µm); LSAPC
- for particles of 5.0µm and more	
Class of the cabinet as per EN 12469-2000, NSF/ANSI 49	II
Class of HEPA filters as per EN 1822-1	H14
Average velocity of the inflow through the work opening, m/s	0,47±0,03
Average downflow velocity in the work chamber, m/s	0,35±0,01
Air recirculation, %	70

Main parameters and dimensions

Article	2E-B.005-12
Maximum dimensions of the cabinet with exhaust hood (W x D x H)*, mm	1200 x 810 x 2355*
Dimensions of the work chamber (W x D x H), mm	1105 x 610 x 700
Maximum input power without built-in electric sockets, W	820
Maximum allowed load on the built-in electric sockets, W	1000
Downflow, m ³ /h	795-817
Inflow, m ³ /h	354-402
Minimum illumination of the work zone (integral value determined along the whole area of the work zone), lx	2000
Maximum net weight of the cabinet, kg	330
Maximum noise level at 1 m distance from the cabinet, dB(A)	58**

* Dimensions do not account for outstanding supports.

** Level of noise at Main Operation mode measured as per DIN EN ISO 11201:2010 in free sound field over the sound-reflecting surface

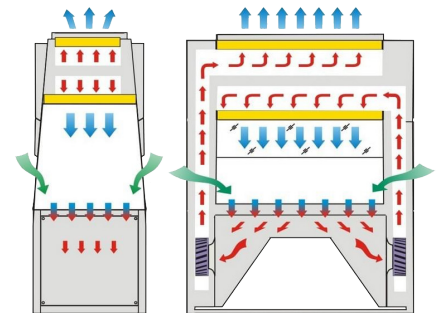
(noise level in real operating environment depends on the dimensions of the operating site as well as on the total background noise and may vary by 3-4 dB(A)). Indeterminacy: k = 2 dB(A).

Class II Type A2 VIS-A-VIS

동물실험
전용



- 동물실험 전용 BSC
 - 세포증식억제(Cytostatic), 세포독성(Cytotoxic) 시험에 탁월
- 뛰어난 Safety 기능
 - 사용자 안전이 강조된 Pull-out UV Unit
 - Laminar air flow로 교차오염 방지
- 편리한 사용
 - 동물 실험에 특화 된 디자인
 - 작업대 양쪽에서 두 명의 작업자가 동시에 사용 가능
 - 실험대상 고정을 위한 animal's hair catcher 기능
 - 비밀번호 사용으로 오작동 방지
 - Touch Screen 컨트롤러 채용
 - 제품 전면부의 컨트롤러에서 각종 알람 기능 확인 가능



■ Contaminated Air
■ Room Air
■ Clean (Filtered) Air

Main Characteristics

Installation work chamber air cleanliness class for suspended particle (aerosol) concentration as per ISO 14644-1:2015	ISO 5 ISO M (20; $\geq 5\mu\text{m}$); LSAPC
- for particles of $0.5\mu\text{m}$ and more - for particles of $5.0\mu\text{m}$ and more	
Class of the cabinet as per EN 12469-2000, NSF/ANSI 49	II
Class of HEPA filters as per EN 1822-1	H14
Average velocity of the inflow through the work opening, m/s	$0,47 \pm 0,03$
Average downflow velocity in the work chamber, m/s	$0,35 \pm 0,01$
Air recirculation, %	50/50%

Main parameters and dimensions

Article	2E-B.004-12
Maximum dimensions of the cabinet with exhaust hood (W x D x H)* (dimensions without stand are in parenthesis), mm	1470 x 730 x 2050*
Maximum dimensions of the stand (W x D x H), mm	1105 x 610 x 700
Maximum input power without built-in electric sockets, W	620
Maximum allowed load on the built-in electric sockets, W	1000
Downflow, m ³ /h	690-710
Outflow, m ³ /h when both of the front openings are open when one front opening is open	354-402 330-375
Minimum illumination of the work zone (integral value determined along the whole area of the work zone), lx	1500
Maximum net weight of the cabinet, kg	330
Maximum noise level at 1 m distance from the cabinet	60**

* Provided the cabinet is operated in accordance with the requirements of the Manual.

** Level of noise measured as per DIN EN ISO 11201:2010 in free sound field over the sound-reflecting surface

(noise level in real operating environment depends on the dimensions of the operating site as well as on the total background noise and may vary by 3-4 dB(A))(A).

