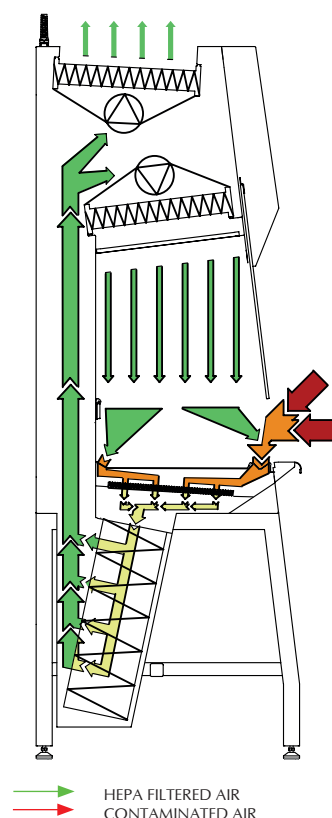


BiOptima CYTO, Biological Safety Cabinet Class II for Cytotoxics



Basic principle

BiOptima Cyto is equipped with additional V-shaped HEPA filters underneath the work surface, which filter the inflow air and keep the internal construction of the cabinet free of contamination and therefore ensures the utmost safety for high risk applications. Safe replacement of the V-shaped HEPA filters is possible while the operator is protected by inflow air

Applications

BiOptima Cyto is designed for high risk microbiological and high toxic applications, such as the production of cytotoxic medicines, as specified by the DIN12980 Standard.

Available sizes

BiOptima Cyto is standard available in 4 and 6 ft (120 and 180 cm) width.

TECHNICAL SPECIFICATIONS	units	BiOptima Cyto 4	BiOptima Cyto 6
External dimensions (WxDxH)	mm	1338x797x2212	1948x797x2212
Internal dimensions (WxDxH)	mm	1190x548x666	1800x548x666
Shipping dimensions (WxDxH) (BOX1)	mm	1430x870x1770	2080x870x1770
Shipping dimensions (WxDxH) (BOX2)	mm	1430x870x1070	2080x870x1070
Weight	Kg	285	380
Shipping weight (BOX 1)	Kg	250	320
Shipping weight (BOX 2)	Kg	110	135
Laminar flow speed / laminar flow rate	m/s m ³ /h	0.35	0.35
Front entry air speed / extraction flow rate	m/s m ³ /h	0.60 (510)	0.65 (773)
Power	W	283	420
Voltage (others available upon request)	V	230	230
Frequency	Hz	50	50
Lighting	Lux	≥ 1000	≥ 1000
Sound	dBA	≤ 60	≤ 60
Vibration	mm RMS	< 0.005	< 0.005
Filters	Safe Change (V shape Hepa Filters)	H14	H14
	Downflow Hepa Filter	H14	H14
	Exhaust HEPA Filter	H14	H14
Air Quality		ISO CD 14644-1: 353 part. ≥ 0.5 μm/m ³ ; 10000 part. ≥ 0.1 μm/m ³	