

ISLT系列负压隔离器

ISLT series negative pressure isolator

产品简介:

PRODUCT INTRODUCTION:

负压隔离器是一款专为高风险生物环境设计的密闭式防护设备，通过主动形成内部负压环境，从根源上阻断病原微生物的扩散传播，为医护人员、实验人员及周边环境筑起一道坚不可摧的安全防线。其核心原理是利用专业通风系统使隔离舱内气压低于外部环境，空气仅单向流入舱内，且舱内污染空气需经高效过滤（HEPA 过滤效率 $\geq 99.995\%$ ）后才能排出，彻底杜绝交叉感染风险。一般，它由操作舱、连续套袋系统、RTP 阀系统、控制系统、清洗系统、灭菌系统、废液收集模块等几部分组成，用户可根据工艺需要来配置功能，主要应用于对人体或环境造成毒害和污染的操作工艺中，特别在抗肿瘤药、活性生物制品、动物试验等行业得到广泛运用。

Negative pressure isolator is an isolation and protection equipment with high tightness that forms negative pressure during process operation. Generally, it is composed of operation cabin, continuous bagging system, RTP valve system, control system, cleaning system, sterilization system, waste liquid collection module, etc.

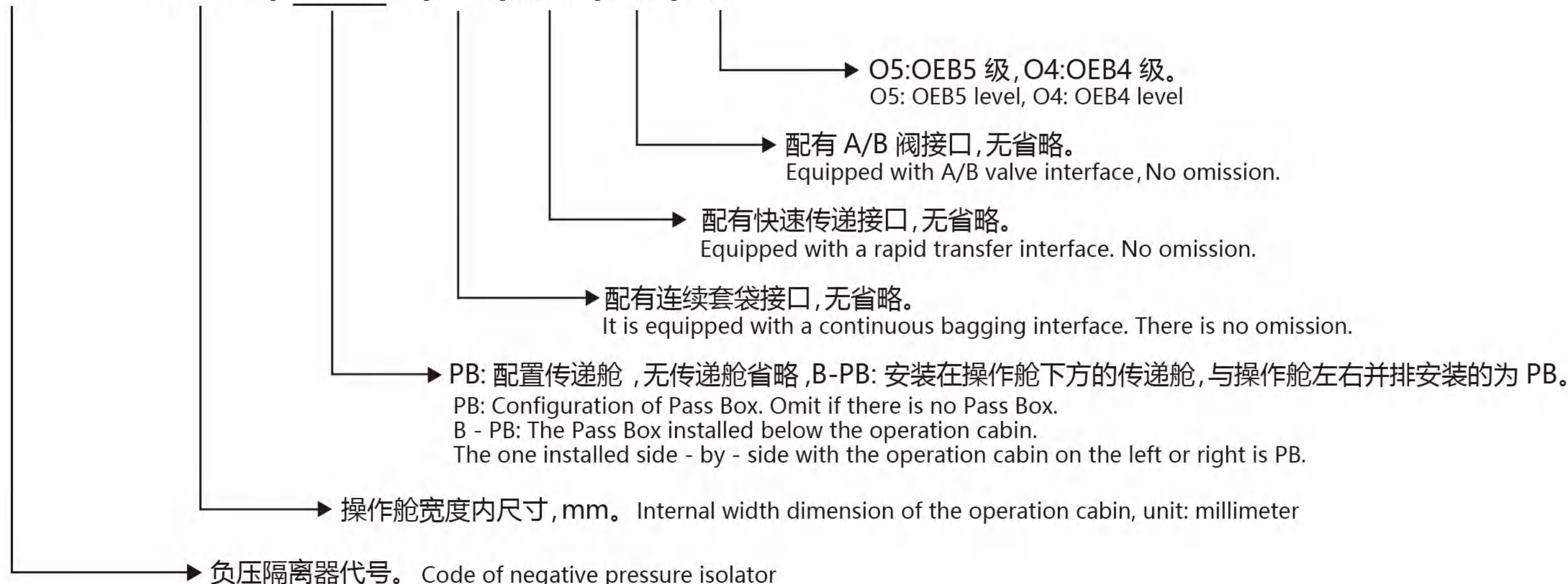
Users can configure functions according to process requirements mainly used in the operation process that causes toxicity and pollution to human body or environment, especially in anti-tumor drugs Active biological products, animal testing and other industries have been widely used.



型号说明:

MODEL DESCRIPTION:

ISLT — 1800 / B-PB /BG /RTP /AB / 05



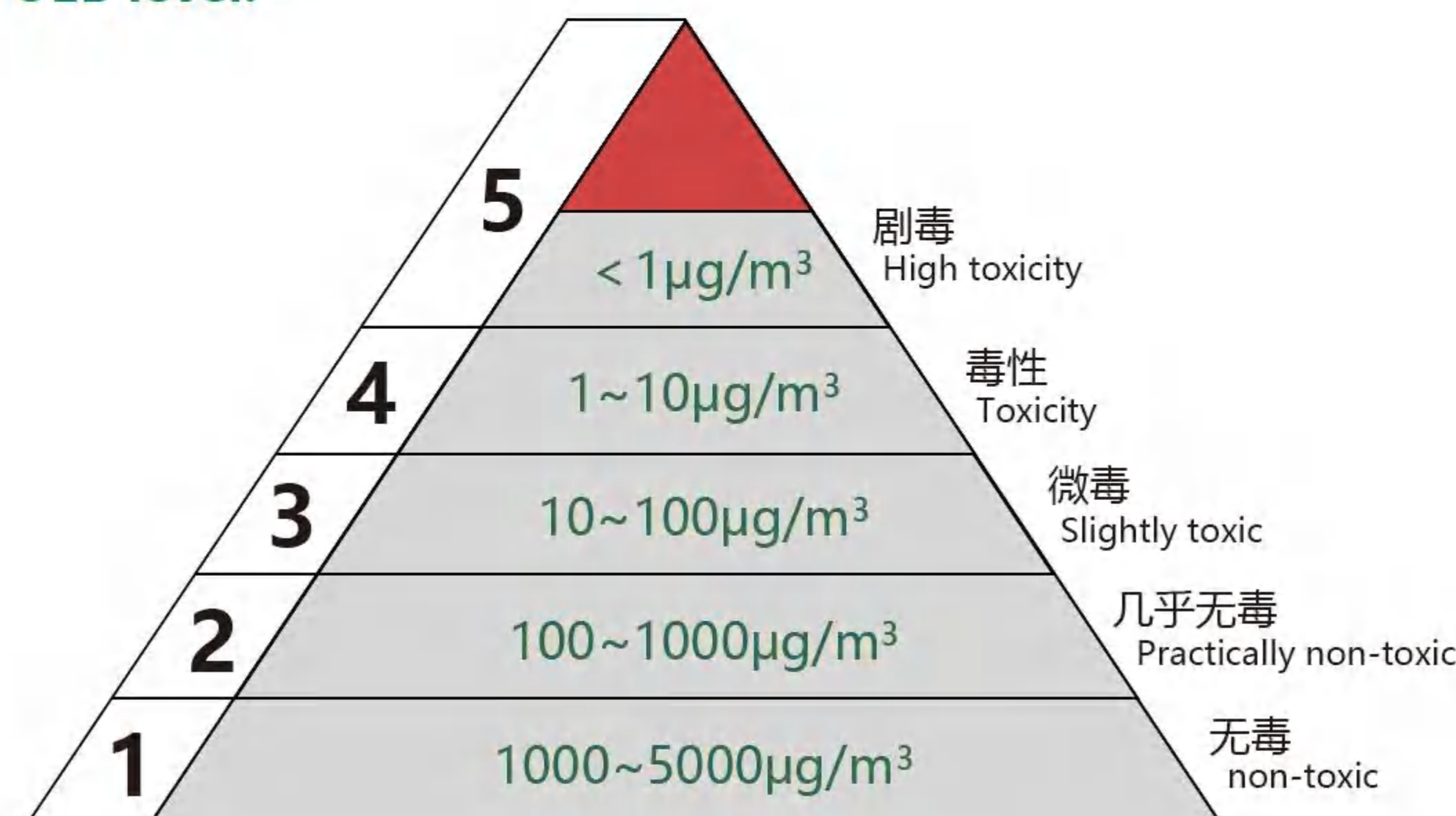
技术参数:

PERFORMANCE PARAMETER:

送风过滤效率 Air supply filtration efficiency	99.99% $\text{@}0.3\mu\text{m}$
排气过滤效率 Exhaust air filtration efficiency	99.997% $\text{@}0.3\mu\text{m}$
舱体内负压范围 Negative pressure range in the cabin	-20~-150Pa
换气次数 Air change rate	$\geq 20\text{T/h}$
保护等级 Protection level	OEB4,OEB5
电源 Power supply	AC220V,50Hz
噪音 Noise	$\leq 65\text{dB(A)}$
照度 Illuminance	$\geq 350\text{lux}$

OEB 等级:

OEB level:



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技术特点：

PRODUCT INTRODUCTION:

- 负压隔离器可以确保操作舱内的有害毒性物质不会泄漏至舱外。

· 负压隔离器可根据设定值自动调节舱内负压，并具备紧急情况应急响应功能，一旦检测到隔离器内部失压或有泄漏，将会自动响应调整，保证隔离器的气流从背景室进入隔离器，避免毒性物质的扩散。

· 结构合理紧凑，性价比高。

· 可配消毒灭活处理系统，达到消毒效果。

· 可配置带有呼吸功能的废液收集模块，避免毒性物质逸出污染环境。

· 排出的空气经过双层过滤保护，提高外排空气的安全性。
- The negative pressure isolator can ensure that harmful toxic substances in the operation cabin do not leak outside the cabin.

· The negative pressure isolator can automatically adjust the negative pressure inside the cabin according to the set value and has an emergency response function. Once the isolator detects internal pressure loss or leakage, it will automatically respond and adjust to ensure that the air flow of the isolator enters from the background room, thus avoiding the spread of toxic substances.

· It has a reasonable and compact structure, offering high cost - effectiveness.

· It can be equipped with a disinfection and inactivation treatment system to achieve disinfection effects.

· It can be configured with a waste liquid collection module with a breathing function to prevent the escape of toxic substances and environmental pollution.

· The exhausted air undergoes double - layer filtration protection, enhancing the safety of the exhausted air.

应用案例：

APPLICATION CASES:



型号规格：

MODEL SPECIFICATIONS:

型号 Model	外形尺寸(mm) Overall dimensions(mm)	内尺寸(mm) Internal dimensions (mm)	说明 Instruction	电源 Power supply
ISLT-1200/05	1200*680*2350	1195*650*800	2手套，单舱，OEB5级 Two gloves, single cabin, OEB5 level	AC220V50Hz,2.5KW
ISLT-1200/BPB/04		PB:500*400*500	2手套，下置传递舱，OEB4级 Two gloves, with a PassBox placed at the bottom, OEB4 level	
ISLT-1200/BPB/BG/05		1195*650*800 PB:500*500*500	2手套，下置传递舱，连续套袋，OEB5级 Two gloves, with a PassBox placed at the bottom, equipped with a continuous bagging system, OEB5 level	
ISLT-1500/BG/04	1500*680*2350	1495*650*800	3手套，配连续套袋，OEB4级 Three gloves, equipped with a continuous bagging system, OEB4 level	AC220V50Hz,2.8KW
ISLT-1800/04	1800*680*2350	1795*650*800	4手套，OEB4级 Four gloves, OEB4 level	AC220V50Hz,3.2KW
ISLT-1800/PB500/BG/05		1795*650*800 PB:500*500*500	4手套，配连续套袋；配传递舱，OEB5级 Four gloves, equipped with a continuous baggingsystem and a PassBox, OEB5 level	
ISLT-1800/BPB/BG/05		1795*650*800 PB:500*500*500	4手套，配连续套袋；下置传递舱，OEB5级 Four gloves, equipped with a continuous bagging system and a PassBox placed at the bottom, OEB5 level	
ISLT-1800/AB/05		1795*650*800	4手套，配A/B阀，OEB5级 Four gloves, equipped with A/B valves, OEB5 level	