

ORIENTAL

Biosafety Cabinet "Tangerine"

ClassII TypeA2/B2



Tangerine

New Standard for Biosafety Cabinet



New Standard for Biosafety Cabinet A Breath of Fresh Air for Your Laboratory

The new biosafety cabinet "Tangerine" is a reliable and trustworthy product designed in Japan. JIS K 3800*-compliant safety performance protects both worker and specimens from contamination. By efficiently reducing power consumption with semi-automatic operation through sash opening and closing and automatic control of airflow speed, it contributes to energy savings.

*Japanese biosafety cabinet standard, developed based on NSF/ANSI49

Five features of Tangerine

Elegant curved design

The body features a curved form and luxurious coloring, providing a moment of peace for researchers.

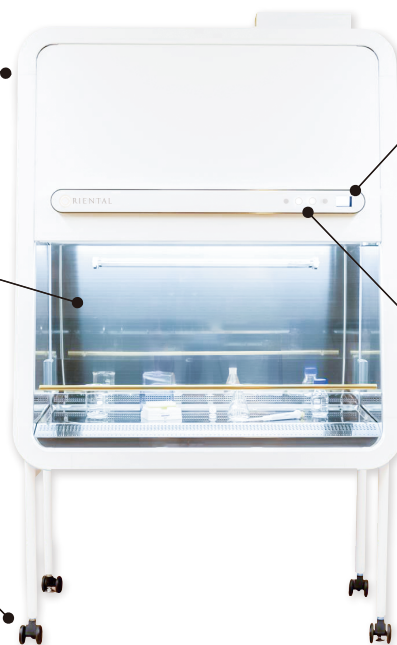
Ample workspace

Considering external dimensions, it has a larger workspace than other brands*. Usability is not compromised even in limited space.

*According to our survey

Open and easy to clean base stand with casters

The smart frame structure provides outstanding storage capacity under the base stand. Equipped with casters, it can easily accommodate layout changes.



Display and voice alert informs you the status

Equipped with a digital monitor showing inflow, downflow velocity, filter life, and UV lamp life. In addition, in case of the trouble such as too low inflow, a voice alert will notify. You do not overlook the risk of exposure to hazardous materials.



Durable, functional and intuitive switch

Flat electrostatic switch provides high durability. Easy to clean.



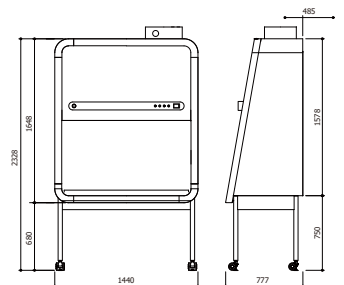
■ Specifications

CODE No.	Outer dimensions W × D × H (mm)	Inner dimensions W × D × H (mm)	Power supply	Light (LED)	UV light	Exhaust airflow (m ³ /min)	Weight (kg)
W_TANG-1300A2	1440 × 780 × 2330	1300 × 600 × 760/675	100 - 230V 50/60 Hz (depending on the location)	18W × (2)	30W × (1)	9	290
W_TANG-1300B2	1440 × 780 × 2330	1300 × 600 × 760/675	100 - 230V 50/60 Hz (depending on the location)	18W × (2)	30W × (1)	22	300
W_TANG-1900A2	2040 × 780 × 2330	1900 × 600 × 760/675	100 - 230V 50/60 Hz (depending on the location)	25W × (2)	30W × (1)	13	410
W_TANG-1900B2	2040 × 780 × 2330	1900 × 600 × 760/675	100 - 230V 50/60 Hz (depending on the location)	25W × (2)	30W × (1)	33	420

*Equivalent to AISI304

Filtration efficiency	: HEPA filter (99.99% or greater removal efficiency of 0.3 μm particles)
Cabinet classification	: Class II Type A2, Type B2
Air quality in the work area	: ISO 5 (Class 100)
Power consumption	: Approx. 450W (when the fan and lights are on and excluding the power outlet capacity)
Opening height	: 200mm (Max. opening : 650mm)
Sash	: Inclined and vertically slidable, 10-degree inclination, tempered glass (5mm-thick)
Material	: Exterior: Steel paneling with baked urethane coating, interior: Stainless steel (SUS304)*
Accessories	: Two double-plug power socket on the both sides inside the chamber (5A with a drip-proof cover), LED light × (2), UV light × (1).

Dimensional drawing



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Notes: ●The product appearance and specifications shown in the brochure are subject to change for improvement without prior notice. ●The product colors shown in this printed brochure may slightly differ from the actual product colors. ●This brochure may not contain all the available information about product specifications, accessories and cautions concerning product use. ●Be sure to read and understand the provided manual before using a purchased product. ●The content shown is based on information as of July 2024.

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