



SLEEK
KÖHL Medical Business Unit



ICU-specific door



Triple folding + escape door
ICU-specific
SLA-3-SW

Main Applications: OICU, IICU, AICU

Easy-to-clean Design: The door body is mostly made of smooth and corrosion-resistant materials such as stainless steel and tempered glass, with no concave-convex gaps on the surface, which can reduce dust accumulation and is convenient for wiping with disinfectants or cleaning with high-pressure water guns, meeting the requirements for equipment cleanliness in clean standards such as GMP and ISO.

Triple folding + escape door function: It is automatic translation under normal conditions, and can be manually opened in a flat mode when a patient on a bed is pushed in, which is customized for small spaces in OICU, IICU, and AICU wards.

Technical Parameters

This type of door can provide triple folding + emergency escape functions.

Electrical Technical Specifications

Standard Power Supply	220~240V±6% 50~60Hz
Optional Power Supply	100~120V±6% 50~60Hz
Motor	AC24V low-voltage AC motor
Rated Power	250W
Standby Power	<10W
Frequency Conversion Technology	PMSM (FOC Field Oriented Control Technology)
Fuse	3.15A(220V)/5A(110V)
Operating Temperature	-20°Cto50°C
Ambient Temperature	-20°Cto50°C
Backup Battery	1×12V DC700mAh

Operating Parameters

Adjustable Door Opening Speed	0.15to1m/s
Adjustable Door Closing Speed	0.15to1m/s
Maximum Acceleration	0.8m/s ²
Maximum Door Weight (airtight single/double door)	1×150Kg/2×90Kg
Maximum Door Weight (lead door single/double door)	1×200Kg/3×90Kg

Technical Specifications

Door Operator Dimensions (Height × Depth)	175×100mm
Maximum Door Operator Length	6000mm
Passage Width of Single Sliding Door (minimum/maximum)	495/1800mm
Passage Width of Double Sliding Doors (minimum/maximum)	800/3000mm
Maximum Height (Recommended Value)	2600mm



BDE-K Scene Application
Panel
Normally Open Mode
Normal Mode (indoor and
outdoor)
Locked Mode (normal indoor)
Cleaning Mode



Data Parameter Setting Function Table

NO	Function	Adjustment Range	Factory Setting
P0	Opening Time (seconds)	00-99	05
P1	Door Opening Speed	00-99	25
P2	Door Closing Speed	00-99	20
P3	Slow Travel Speed	00-99	10
P4	Slow Travel Distance	00-99	30
P5	Resistance Level	00-99	05
P6	Power Supply Mode	00-01	00
P7	Second Sensor	00-01	00
P8	Door Opening Direction	00-01	00

Mode Description:

P6 - Power Supply Mode (effective when connected to backup power):

When set to 00, it works normally when power is off; when set to 01, it remains open when power is off.

P7 - Secondary Induction

When set to 00, it is in normal mode; when set to 01, it is in secondary induction mode.

P8 - Door Opening Direction

When set to 00, the automatic door opens to the left; when set to 01, the automatic door opens to the right.

Note: 1. For codes P0-P5 above, after the data is changed, the new data will be executed after the automatic door is closed in place. 2. For codes P6-P8 above, the new data will be executed only after restarting the machine after setting.



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