

# Plate Server Variport™

## Plate Server for both Stack Rack and Slot Rack

★ Stack rack and slot rack can be mixed.

1) Stack rack : Stacking store and picking up from the top

2) Slot rack : Shelf-type store and random access is available

★ The stoker cartridge which is three kinds from which the height of a shelf is different. The cartridge which can do a stack

★ 200 plates can be saved as standard (Shallow plate height:18mm or less)

★ Presence DB is controlled by BAR-CODE in all shelves,

★ With linkage of external access, rotor/waiter, access to shelf, no waiting time for transfer

★ Batch manual set up per rack is available

★ The conveyance mechanism whose logging is possible from the state which piled up the plate with a lid

★ Interface with external system and transfer part is supported

### Specification :

Capacity	:	Plate =200ea or Tip Box=64ea (use Slot Rack)
	:	Plate =350ea (use Stack Rack)
Size/Weight	:	W=600mm D=1270mm H=1050mm Weight=160kg
Power supply	:	100 VAC 10A
Communication Interface	:	RS232C or TCP/IP
Interlock	:	Door interlock

### ➤ Rack Option :

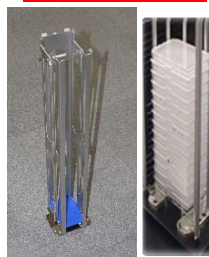
- Type① - Stack Rack :
- Type② - 25 Slots Rack : Pitch=28mm
- Type③ - 10 Slots Rack : Pitch=70mm
- Type④ - 8 Slots Rack : Pitch=84mm

### ➤ Color Option :

#### Slot rack



#### Stack rack



Manufacturer

Distributor



IS Technology Japan, . Inc.

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No.C120127

# Other Device

**ISTJ Confidential**

## PLATE SERVER

**iSTPS-4006-11-RSIF**  
The device which plate handler and stacker unified.

- Can receive 40 pieces with the shallow plate of the SBS standard.
- As for one cartridge, supply use, another one are for collection. can set 6 cartridges and a carousel, by an order from HOST, can set supply and a cartridge of the collection.
- It is incorporated Chuck which I can take out by the state that put a plate with a lid.
- Can set the thickness of the plate by a command from HOST




iSTPS-4006-11-RSIF

**ISTJ Confidential**

## PLATE SEALER

**iPSEL-02R-\*-RSIF**  
High-Speed Sheeler whom it combined a slider with.

- Do not depend on the thickness of the plate.
- I/O - Port is both sides.
- Have a plate presence sensor I/O-DECK, detection a transfer error.
- Support RS232C outside control.
- High throughput of 25 seconds.
- Equipped with a road port for Biomek(-FX,-NX).
- Equipped with an access port for transportation robots





with Biomek-NX      Power Seller      Heat Seller with Slider

**ISTJ Confidential**

## PLATE SERVER

**iSTPS-500x-0x-RSIF**  
The device which plate handler and stacker unified.

- Can receive 50 pieces with the shallow plate of the SBS standard.
- As for one cartridge, supply use, another one are for collection. can set 2 cartridges and, by an order from HOST, can set supply and a cartridge of the collection.
- It is incorporated Chuck which I can take out by the state that put a plate with a lid.
- Can set the thickness of the plate by a command from HOST








iSTPS-5002-01-RSIF

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## PLATE HANDLER

Connection device for device-device ,device-slider.

- Choose the kind of the **Gripper** by the kind of the device.
- It is incorporated **Gripper** which I can take out by the state that put a plate with a lid.
- Have a plate presence sensor in **Gripper** ,detection a transfer error.
- Max Installation of the **Gripper** is 2 sets.
- Length of each axis (X,Z) dependson system, and flexible setting is possible.

Vertical Swing Handler      Horizontal Swing Handler      X-Z Axis Handler

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## PLATE HANDLER

**iPTRS-RR02-ST\*\*\*-Z300**  
High-speed transfer of the paddle arm of the dual.

- The super clean robot of the low departure from dust (Class 1) .
- Of repetition transportation precision  $\pm 0.1\text{mm}$  is highly precise.
- High reliability older than MTBF 10 age.
- Max Installation of the CHUCK is 2 sets.
- Dual Arm of the plate pick you up, and exchange it, and assume it the shortest of




iPTRS-RR02-ST400-Z300

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## PLATE SLIDER

**iSLD-04-L\*\*\*\*-\*\*-RSIF**  
High-Speed transportation that passing is possible

- Transportation between I/O-DECK passes through the under deck. Passing of the plate is possible.
- Multiple I/O-DECK setup by a layout.
- Installation of the Lid Opener on a slider.
- Have a plate presence sensor I/O-DECK, detection a transfer error.
- Length of slider depends on system , and flexible setting is possible.





Ψ4 (Biomek-FX)      With Lid Opener      Plate Lifter

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