

PHT

Link To The World

PHT株式会社（英文名：PHT Inc.）

〒115-00451-41-12 Akabane, Kita-ku, Tokyo

TEL:03-6750-5232 FAX:03-6762-9587

E-Mail:info@pht.co.jp

<https://www.pht.co.jp>

EFEM・ソータ

EFEM・Sorter



Overview

Equipped with high-performance AC servo motors, the generous payload capacity enables high-speed transfer. Suitable arrangements of robot, load port and hand are possible. Inherits more than 20 years of robot technology operating in harsh environments.

Type	TYK2102-2	TYK2102-3
No. of ports	2port	3port
Transfer Object	300mmWafer Diameter: $\Phi 300 \pm 0.2\text{mm}$ Thickness: 775 μm	
Carrier	300mm FOUP 25-step(SEMI E47.1) 300mm FOSB 25-step(SEMI M31)	
Power supply voltage	Single phase AC200V $\pm 10\%$ 50/60Hz $\pm 5\%$	
Current Consumption	4kVA (20A/200VAC) includes FFU	
Vacuum (source pressure)	-80kPa ~ -90kPa	
Vacuum (flow rate)	40L/min	50L/min
Positive Pressure (source pressure)	0.6MPa ~ 0.7MPa	
Positive Pressure (source pressure)	20L/min	30L/min
EMO Contact Output	2 System (dry contact)	
Interlock	8 inputs/8 outputs (isolated I/O)	

Features

- One or two aligners can be mounted, allowing high throughput.
- Various variations and customisation support.
- Can be used for both 200mm and 300mm.