

Rob-Flex

Microplate Handler



Rob-Flex microplate handler can be used for the integration of various laboratory instruments, achieving automatic transfer of consumables, reagents, samples, etc. between instruments, replacing manual experimental operations, and further improving the level of laboratory automation.

At present, the common automated integration systems on the market are mainly applied in scenarios such as ELISA experimental automation, fully automated nucleic acid detection, fully automated gene sequencing and pre-processing, and synthetic biology applications.



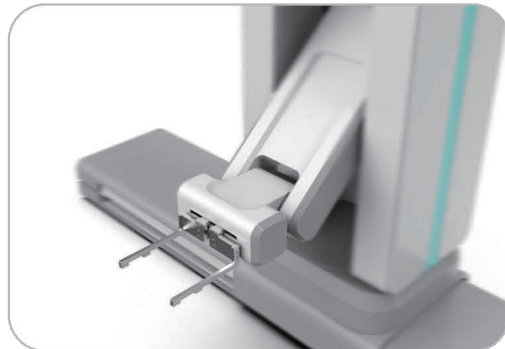
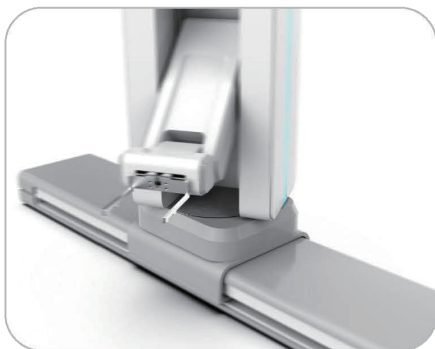
01 Can achieve automatic transfer of SBS standard labware

Easy integration and user-friendly handling **02**

03 User oriented, from experts developed solutions

360° workspace and reliable **04**

■ Product Detail



■ Specification

Maximum Load	500 g
Z-axis stroke	450 mm
Folding arm length	230 mm
S-axis rotation angle	-110°~110°
X-axis stroke	800 mm, 1200 mm, 1600 mm and 2000 mm
R-axis rotation angle	-180°~180°
Repeated positioning accuracy	±0.05 mm
Electric gripper opening and closing stroke	50 mm (gripper distance 80 mm~130 mm)
Electric gripper repeated positioning accuracy	±0.02 mm
Anti-collision function	Support
Electric gripper grab feedback, drop feedback	Support
Scan code function	Support
Software operation	PC software
Interface	Ethernet port and emergency stop button interface
Power supply	AC 100~240 V, 50 / 60 Hz

HANGZHOU ALLSHENG INSTRUMENTS CO., LTD.

Building 9 No.7 of Zhuantang Science and Technology Economic Zone,
Xihu District, Hangzhou City, 310024 Zhejiang, P.R. China

Tel: +86-571-88859758

Fax: 0086-571-87205673

✉ info@allsheng.com

🌐 www.allsheng.com

