

Vial/plate gripper

For Big Kahuna and Junior

This automated vial and plate gripping technology moves your samples and much more. The vial/plate gripper used by Big Kahuna and Junior enables flexible and versatile workflows to meet your most demanding needs.

Specifications

Vial/plate gripper (PN: SG147111)

Description	Specification
Operational modes	<ul style="list-style-type: none"> • Plate handling (including pipette containers) • Vial handling • Vial capping and decapping

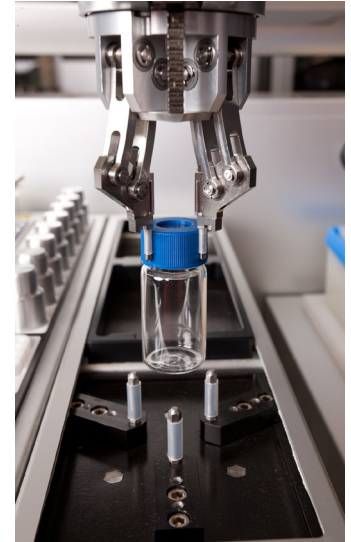


Plate handling

Description	Specification
Gripping force	12 N
Gripper orientation	Portrait or landscape
Maximum plate mass without grooves	60 g
Maximum plate mass with grooves	1000 g
Gripping range	40–130 mm

Vial handling

Description	Specification
Vial diameter	8–60 mm
Vial height	25–100 mm, 5–80 mm above reactor block
Vial mass	5 g (empty mass) – 300 g (full mass)
Vial types	Threaded cap or straight sided
Minimum vial pitch	9 mm
Gripping force	30–50 N
Number of fingers	4
Gripper material	PVC
Rotation angle	Unlimited
Rotation speed	0–1 revs/s
Rotation torque	0–500 mNm
Gripper material	PVC
Rotation angle	Unlimited

Capping/decapping station

Description	Specification
Cap type	Threaded
Gripping force	30–50 N
Torque	500 N-mm (no slip)



Unchained Labs
 6870 Koll Center Pkwy
 Pleasanton, CA 94566
 Phone: 1.925.587.9800
 Toll-free: 1.800.815.6384
 Email: info@unchainedlabs.com

© 2018 Unchained Labs. All rights reserved. Big Kahuna and Junior are trademarks and Unchained Labs is a registered trademark of Unchained Labs. All other brands or product names mentioned are trademarks owned by their respective organizations.