

GRIPKIT LS

THE SMART GRIPPING SOLUTION
FOR LIFE SCIENCE AUTOMATION



GRIPPING FORCE

6 - 40 N

STROKE

50 mm

LOAD CAPACITY UP TO

1,5 kg

GRIP SMARTER.



WEISS ROBOTICS



GRIPKIT LS 40-050

With the new GRIPKIT LS, Weiss Robotics is expanding its portfolio of intelligent gripping solutions for laboratory automation. The compact servo gripper can be connected directly to the tool I/O of a cobot, making it particularly easy to integrate into existing processes.

Equipped with Weiss Robotics' innovative FLEXGRIP technology, GRIPKIT LS communicates seamlessly with the cobot controller via Modbus, ensuring effortless integration into your robot program. Both gripping range and force can be individually and dynamically adjusted in software to match the sample size – providing maximum flexibility in handling.

The polished housing, sealed on the control side, meets the highest requirements of hygiene, durability, and cleanability – making it the ideal choice for sensitive applications in laboratory and life science automation.

YOUR BENEFITS AT A GLANCE:

- ✚ Reliable handling without damaging sensitive samples
- ✚ Wide, flexibly adjustable gripping range for samples of different sizes – all with a single gripping module
- ✚ FLEXGRIP technology: direct connection to the cobot's tool I/O



TECHNICAL DATA

Actuation	servo-electric
Full stroke	50 mm
Gripping force	6 - 40 N
Workpiece weight (form fit force fit)	1,5 kg 0,2 kg
Interface	Modbus RTU (RS485)
Supported cobots	Universal Robots, Fanuc CRX, Delta, Neura, Kawasaki, Kassow
Weight ¹⁾	480 g
Dimensions (L x W x H) ¹⁾	78 x 63 x 63,5 mm

¹⁾ without fingers

Further information can be found online at <https://weiss-robotics.com/gripkit-ls/>



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