

Smart Series Technology Partner: Soft Robotics

Grippers Offered



mGrip P4Y

Compatible Products



GP7

GP8

HC10DT

YRC1000micro

What's Included?	mGrip P4Y	Information
Mechanical Flange	✓	Adapters are provided for GP7/GP8/HC10DT
Mechanical Bolt Kit		Bolts are not included, user must provide GP7/GP8 Flange: 4 x M5 depth 9, HC10DT Flange: 4 x M6 depth 8
Available CAD Models	✓	Contact support@softroboticsinc.com for CAD of a specific configuration (spacing can vary from 40mm to 100mm for the Yaskawa P4Y Kit)
Electrical Power Cabling	✓	Power cable provided, M-series connector (3 pin)
Communication Cabling	✓	Signal I/O cable provided, M-series connector (8 pin)
Power Supply		24V, 0.5A+ capacity required, user must provide
Control Unit	✓	SRCU-G2 Control Unit included in kit. Interfaces with YRC1000micro controller using discrete I/O (NPN)
Vendor Documentation	✓	"SRCU G2" manual is available in "User Manuals" https://www.softroboticsinc.com/support-resources
Kit Quick Start Guide	✓	"mGrip P4Y Guide" is available in "Quick Start Guides" https://www.softroboticsinc.com/support-resources
Easy Configuration Files		These optional files include names for pre-mapped I/O, tool load information, etc. to facilitate setup
Example Subroutines		These optional files include example INFORM jobs to facilitate programming
Webpage	✓	https://www.softroboticsinc.com/mgrip-p4y
Through Arm Wiring		Vacuum tubing is included in the kit. This tubing should be run externally for optimal gripper function. Using internal lines of HC10DT will result in slower gripper actuation
Kit Part Number	700137	The robot kit includes the pre-assembled 4 finger gripper, control unit, 2 robot adapters, 10mm air fitting + tubing, and numerous spacers