

AVS

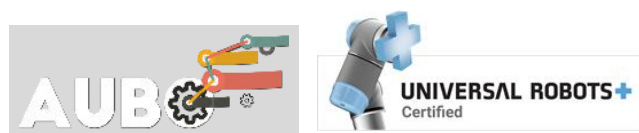
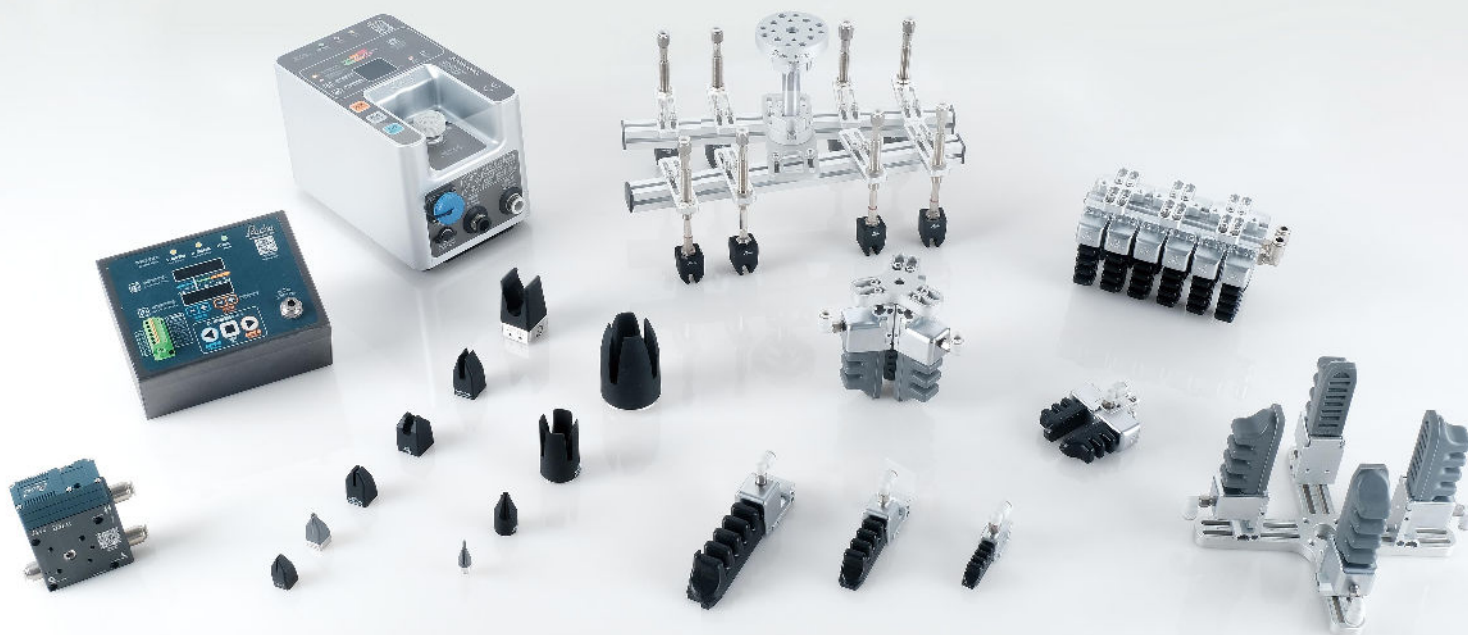


Rochu®

Give your robot a soft hand



Certification



Patent





Soft

- The Rochu soft gripper is made of pure **soft** material.
- Can pick and place flimsy and soft object **without any damage**.
- Can adapt the product with **very different shape and size** easily.
- With **300 times/min circle time**, $\pm 0.05\text{mm}$ precision, millions of lifetime, **good chemical and temperature resistance**.
- A ideal robot gripper for flexible production lines.



Safe



- The material passed **FDA and EC1935 food-safe** testing.



Easy



- The **modular finger** makes the construction of Rochu gripper **quick and easily**.
- **All-in-one control unit** are applicable for **multiple working conditions**. Not only production line but also mobile robot, desktop robot, AGV or school labs.

Fabric Picking Applications:

- Beak gripper combinations, can be used to pick the soft breathable thin fabric layers. Pick only the first layer from multi-layers.



BOM List

Product Name	Product code	Quantity
Gripper combination	GC –BMC20006[P]-CMS04-SMP13	8
Profile	P-20400	2
connection part	CP-04	1
Flange connection module	FCM-R04	1

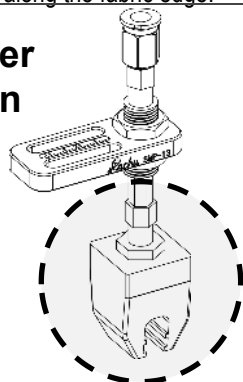
Note: For large fabric (e.g. t-shirts, sweatshirts, etc.). Multiple separate beak grippers should be installed along the fabric edge.

BOM List

Product Name	Product code	Quantity
Gripper combination	GC –BMC20006[P]-CMS04-SMP13	6
Profile	P-20200	1
Flange connection module	FCM-R08	1

Note: For hard material (e. g., denim, etc.). Multiple Beak grippers should be installed tightly in a line.

Beak Gripper combination



GC –BMC20006[P]-CMS04-SMP13

Control Unit

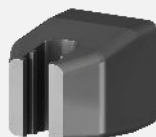


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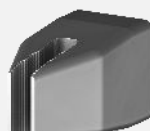
Passive Control Unit – **Standard model ***

*: For more Control Units on page. 64

More Beaks **



B-20006



B-20005V



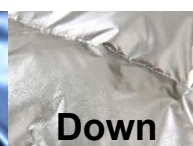
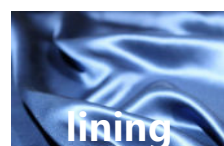
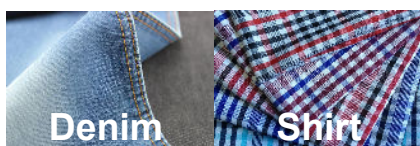
B-2B



B-3B18

** : A stable pick and place of different fabrics (gram weight, thickness and hardness) are related on Beak and working pressure.

Apply to the fabric



Fabric Picking Applications:

- The two-fingers gripper can grasp thicker and harder fabrics, like wool, towel, blanket, etc.



Customized gripper combination

BOM List		
Product Name	Product code	Quantity
Gripper combination	GC -2FMB4V5/FS3-SMP2S	2
Profile	P-20200	1
Flange connection module	FCM-R04	1

Gripper Combination



GC -2FMB4V5/FS3-SMP2S

Control Unit



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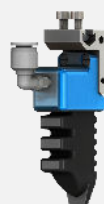
Passive Control Unit – **Standard model ***

*: For more Control Units on page. 64

More Finger Modules **



FM-A4V5/FS3



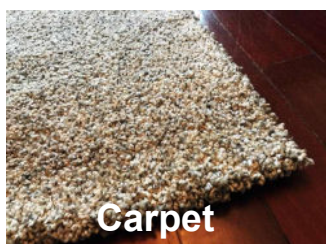
FM-B4V5/FS3



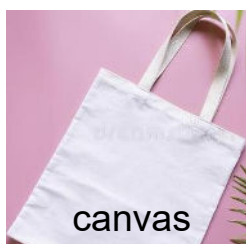
FM-C5V5/FS3

** : A stable pick and place of different fabrics (gram weight, thickness and hardness) are related on finger Module and fingertip distance Dn (page. 42)

Fabrics



Carpet



canvas



Towel



Shirt sleeves



blanket