



ONE KIT,  
**INFINITE SOLUTIONS.**

*Build your own plug and play, customizable gripper system.*

Request a Development Kit at [softroboticsinc.com/development-kit](https://softroboticsinc.com/development-kit)





## **BUILD. TEST. VALIDATE. REUSE.**

With the Soft Robotics Development Kit 2.0 (SRDK 2.0)

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### **WHAT WE OFFER**

Our one-of-a-kind soft robotic gripping system enables industrial and collaborative robots to adaptively handle unstructured tasks and objects of varying size, shape and weight. This single, integrated, and easy-to-use solution is perfect for automating applications like:

- Primary and secondary food handling and packaging
- High-speed pick and place lines
- Consumer packaged goods
- Warehouse logistics
- Bin picking

With the SRDK 2.0, users can quickly prototype and test an infinite number of gripper configurations across multiple applications. Once your custom tool is created with the SRDK 2.0, Soft Robotics' engineers can work with you to transform your prototype into your production tooling. The SRDK 2.0 can then be used to build another tool, and another, and another - solving every last one of your grasping challenges.



# WHAT YOU'LL RECEIVE

The SRDK 2.0 contains everything you need to build a custom automation solution for your current robotic system. By the time you're finished, your eyes will be opened to a whole new world of automation solutions.



- |  |   |
|--|---|
| <b>1</b> Soft Robotics Control Unit Generation 2 (SRCU G2) | <b>11</b> SRCU G2 Power cable   |
| <b>2</b> 12mm tubing (2 meter length)                      | <b>12</b> SRCU G2 Signal cable  |
| <b>3</b> 10mm tubing (1 meter length)                      | <b>13</b> USB cable   |
| <b>4</b> 10-12mm push to connect coupler                   | <b>14</b> Assorted mounting hardware  |
| <b>5</b> (6) 6mm tubing                                    | <b>15</b> Pre-configured 6 actuator gripper mounted on universal mounting plate and 6 position tool hub |
| <b>6</b> 7mm ratchet wrench                                | <b>16</b> Pneumatic manifold  |
| <b>7</b> 7mm nut driver                                    | <b>17</b> Alternate air manifold with multiple ports  |
| <b>8</b> Tool Center Point (TCP)                           | <b>18</b> 4 position tool hub   |
| <b>9</b> (2) 10mm plugs                                    | <b>19</b> 5 position tool hub   |
| <b>10</b> (6) 6mm plugs                                    | <b>20</b> 2.5mm, 3.5mm, and 4mm Metric hex screwdriver  |

*Add on accessories to create a tool with different sized fingers can be purchased separately.*

# THE PATH FROM PROTOTYPE TO PRODUCTION



Prototype built  
from SRDK 2.0.  
Ready for translation  
to production tool



Industrial  
Production Tool

OR



Food Grade  
Sanitary Design  
Production Tool



## HOW IT WORKS

- 1 Quickly build and test tooling with a variety of finger designs and spacing configurations for a custom prototype solution
- 2 Soft Robotics will work with you to build a production-ready tool that matches your prototype configuration. Production tooling can be available in both 3A FDA sanitary design and standard industrial design
- 3 Repeat #1 and #2 for every application you have that needs a solution



## CUSTOMIZABLE GRIPPERS TO FIT YOUR APPLICATION



# **GRASP THE POSSIBILITIES**

## **WITH SOFT ROBOTICS AUTOMATION**

**For availability and quotes please contact:**  
**[solutions@softroboticsinc.com](mailto:solutions@softroboticsinc.com)**

**[www.softroboticsinc.com](http://www.softroboticsinc.com)**

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