

DELIVERY INFORMATION

Below are the product codes and serial numbers concerning your delivery.

Please retain this information.

When contacting Robotiq support, please have this information at hand.

ORDER INFORMATION

New product is warranted for 1 year.
See your product instruction manual for details.

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1.2



ADAPTIVE GRIPPER 2-FINGER 85 & 140

QUICK START GUIDE



THANK YOU FOR CHOOSING ROBOTIQ!

This step-by-step guide will allow you to **test your Gripper**.

1. WHAT IS SUPPLIED?
2. TOOLS YOU'LL NEED
3. GET THE LATEST

• Instruction Manual • Test Software • Specifications

4. SETUP & WIRING
5. TESTING THE GRIPPER

This guide is not meant for robot installation



Before operating the gripper, read the instruction manual (see step 2).



1. WHAT IS SUPPLIED?

Standard Upon Delivery

- 2-Finger Adaptive Gripper (AGS-GRP-002 or -140)
- USB to RS485 Converter (ACC-ADT-USB-RS485)

Optional

- Gripper Coupling (AGC-CPL-XXX-002)
- Gripper Fingertip (AGC-TIP-XXX-002)
- Device Cable (CBL-COM-2065-10)



2. TOOLS YOU'LL NEED



PC, Windows XP or newer, USB port



24 V Power Supply, min 25 W



4 mm Hex Key



3. GET THE LATEST

Visit support.robotiq.com

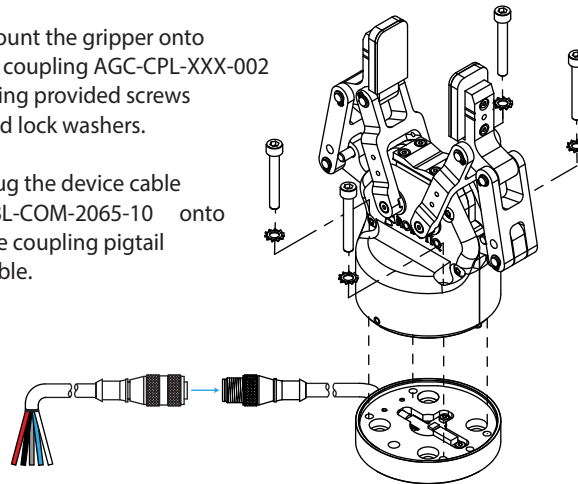
- Get the up-to-date instruction manual (PDF or web browser).
- Download the latest Robotiq User Interface test software.
- Get driver and software packages for your robot.



4. SETUP & WIRING

Mount the gripper onto its coupling AGC-CPL-XXX-002 using provided screws and lock washers.

Plug the device cable CBL-COM-2065-10 onto the coupling pigtail cable.



Coupling uses low head cap screws

WIRING:

Turn off power supply!

- 24 V on red cable, 24 V
- 0 V on black cable, 0 V

WIRING:

USB to RS485 converter,

- White to pin #1, 485+ (pin #1)
- Blue to pin #2 and 485- (pin #2)
- Gray to pin #3. 485 GND (pin #3)



LED STATUS

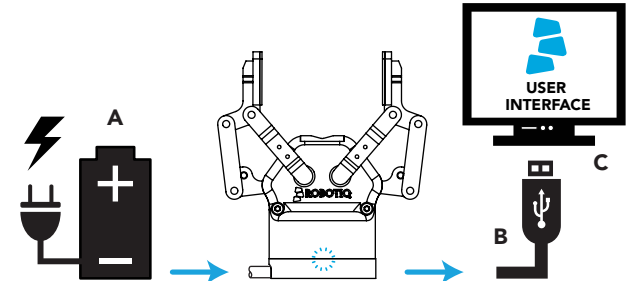
- Red: Fault / no communication
- Blue: Normal



5. TESTING THE GRIPPER

You need a PC with the Robotiq user interface test software (see point 3). Gripper must be setup according to point 4.

- A Turn on power supply, gripper led will turn on.**
- B Plug USB converter end into the pc.**
- C Execute the Robotiq user interface, COM PORT of the gripper will appear on the connection screen.**

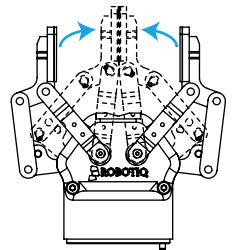


- D Click "AUTO-CONNECT".**
If your gripper is not detected, check your instruction manual troubleshooting section.

AUTO-CONNECT

- E You are now controlling the gripper, the ACTIVATE button will calibrate the gripper and allow control.**

Activate



ACTIVATE WILL INITIATE GRIPPER MOTION.



WHAT'S NEXT?

Now that your gripper is working and tested, you can integrate it for robot use. Driver package, programming examples, industrial communication files and configuration are available at:

support.robotiq.com



ALWAYS RESPECT ROBOT SAFETY MEASURES.