

ADAPTIVE GRIPPERS**2F-85****2F-140**

Machine Tending



Assembly



Pick & Place

DESIGN

- Plug + Play kits for Universal Robots
- Wide range of applications
- Easy to customize

INTEGRATE

- Fast installation
- Easy & powerful user interface
- Adjustable stroke, speed & force

OPERATE

- Robust, factory-proven hardware
- High pinch force & payload
- Built-in part validation

START PRODUCTION FASTER



TAKE FULL CONTROL

ADJUST THE GRIPPER'S POSITION, SPEED, AND FORCE FOR A PERFECT GRASP

DETECT IF A PART IS PICKED AND VALIDATE ITS DIMENSION

USE ANY ADAPTIVE GRIPPER WITH THE SAME EASY-TO-USE INTERFACE



PLUG + PLAY KITS FOR UR

INSTALL HARDWARE EASILY, PROGRAM SOFTWARE QUICKLY - AND GET YOUR ROBOT TO WORK SOONER

SPECIFICATIONS	2F-85	2F-140
Stroke (adjustable)	85 mm	140 mm
Grip force (adjustable)	20 to 235 N	10 to 125 N
Form-fit grip payload	5 kg	2.5 kg
Friction grip payload	5 kg	2.5 kg
Gripper mass	0.9 kg	1 kg
Position resolution (fingertip)	0.4 mm	0.6 mm
Closing speed (adjustable)	20 to 150 mm/s	30 to 250 mm/s
Communication protocol	Modbus RTU (RS-485)	
Ingress protection (IP) rating	IP40	IP40
* All specifications provided for reference only. See user manual at support.robotiq.com for official specifications.		