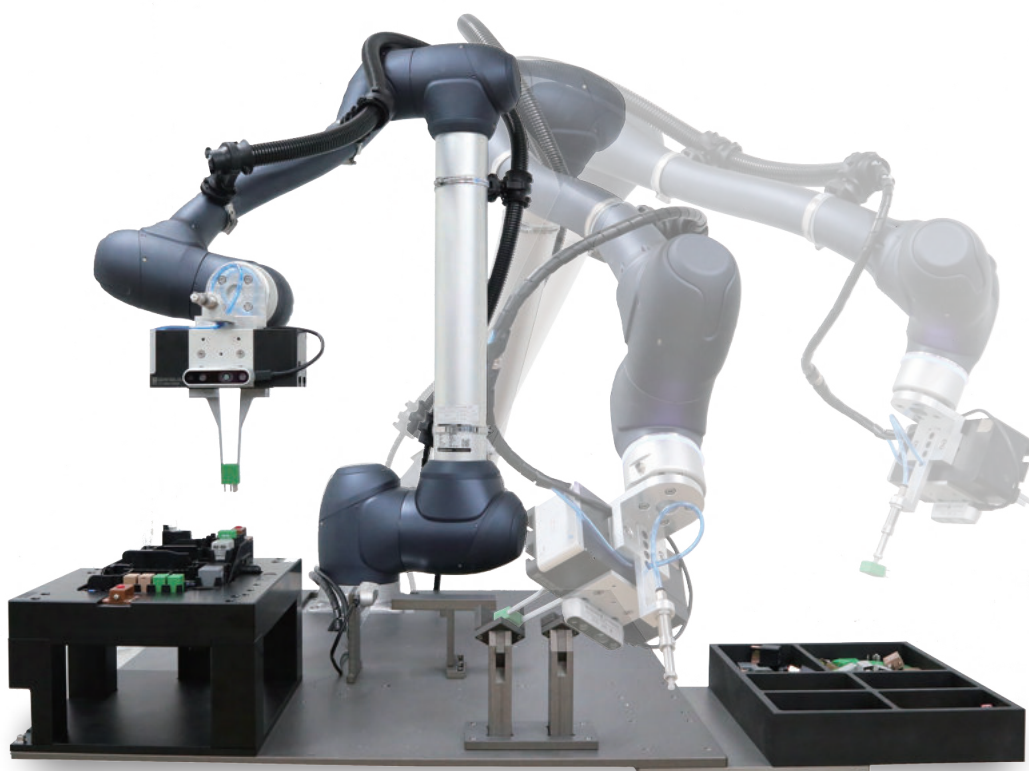


NP1

s e r i e s
**3D Vision based
Robot System**



Easy



Speed



UI



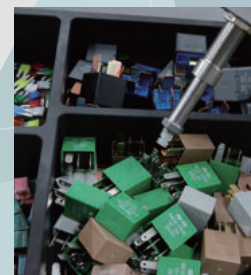
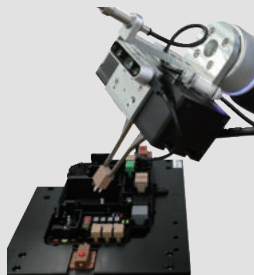
Touch LCD

- Automatic system using a collaborative robot and cameras
- The solution based on 3D vision and machine learning for picking, placing and inserting parts
- Utilize for Under-hood fuse box manufacturing process: Perform stable assembly work



► Media for this

NP1 3D Vision based Robot System



Technical Data

	ITEM	NP1
ROBOT	DEGREE OF FREEDOM	6
	WORKSPACE	Max. 1700 mm
	REPEATABILITY	± 0.1 mm
	PAYLOAD	Max. 6 kg
	PRESS FORCE	Max. 16 N
GRIPPER	DRIVE	BLDC Motor
	STROKE PER JAW	Max. 80 mm
	NOMINAL GRIPPING FORCE	1800 N
CAMERA	DEPTH TECHNOLOGY	Active IR Stereo
	SENSOR SHUTTER TYPE	Global Shutter
	DEPTH RESOLUTION	Up To 1280 x 720
	RGB RESOLUTION	Up To 1920 x 1080
	FRAME RATE	Up To 90 fps

Headquarters

#1313, 184, Gasan digital 2-ro, Geumcheon-gu, Seoul 08501, Republic of Korea

Hwaseong Branch

1085-33, Beodeul-ro, Jangan-myeon, Hwaseong-si, Gyeonggi-do 18574, Republic of Korea

China Branch

No. 6-3, Changxing-Road, Economic & Technological Development zone, Weihai, Shandong, China(山东省威海经济技术开发区昌星路6-3号)

Vietnam Bac Ninh Branch

Yen phong zone, Long Chau commune, Yen Phong distric, Bac Ninh province, Vietnam

