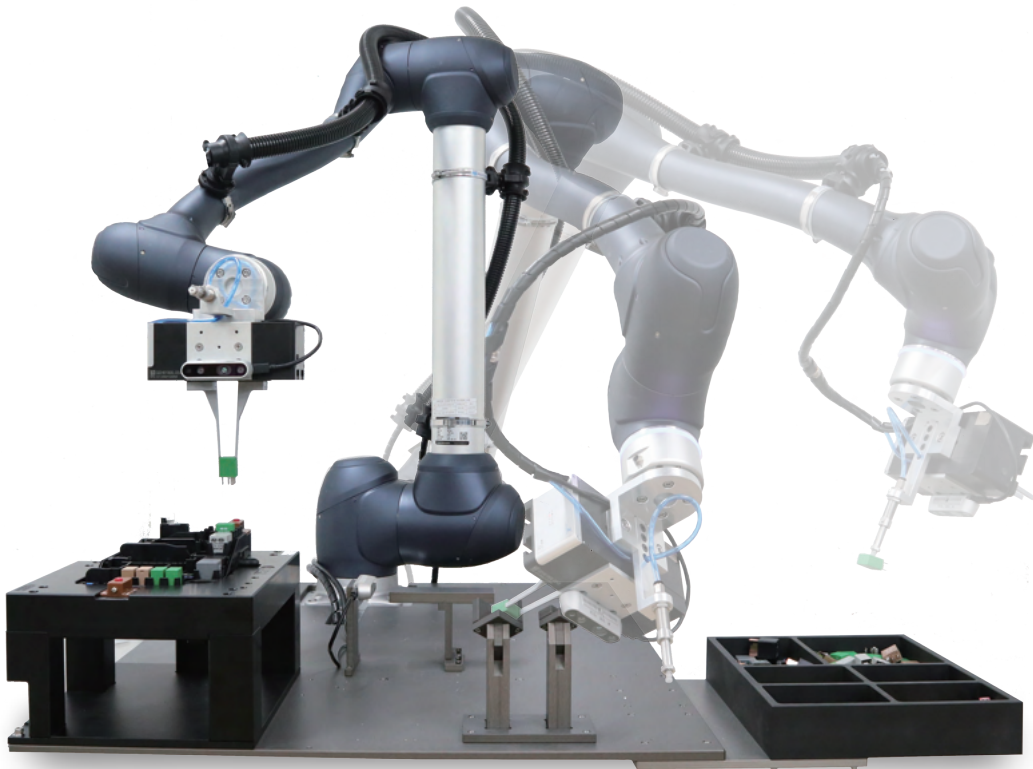


# NP1

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



Easy



Speed



UI



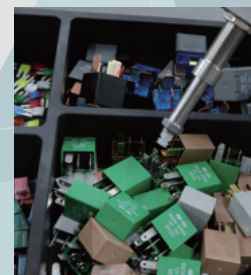
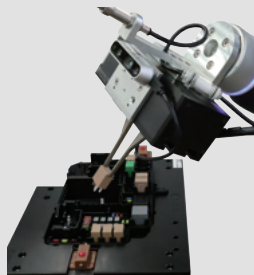
Touch LCD

- 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

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