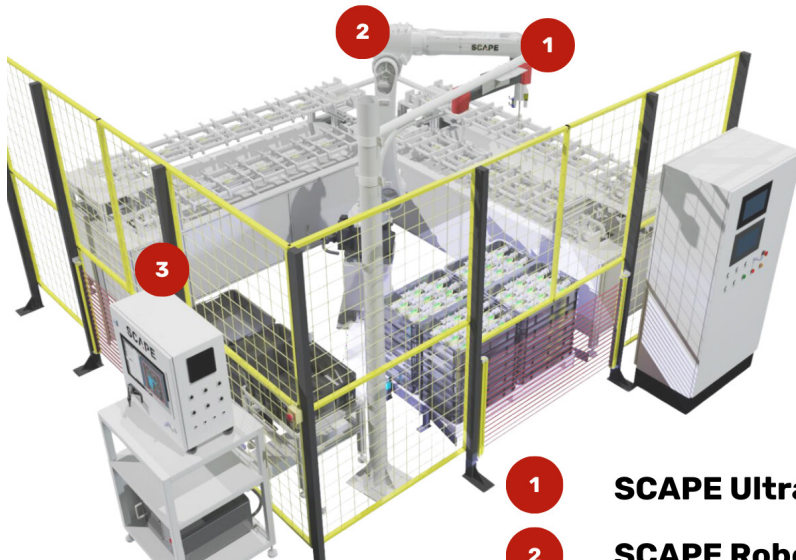


3D Vision-Guided Bin-Picking of Ultrasonic Water Meters at Maxonic ChengDu



1

SCAPE Ultra Industrial 3D Scanner

2

SCAPE Robot

3

SCAPE Vision Controller

BIN-PICKING OF ULTRASONIC WATER METERS

THE SCAPE STATIONARY 3D VISION SENSOR IS MOUNTED ABOVE THE SCENE TO CAPTURE AND IDENTIFY THE PARTS. THE SOLUTION THEN LOADS THE IDENTIFIED PARTS FOR CODE READING AND PLACES THEM ON THE CALIBRATION TABLE. DURING WAITING TIME, THE ROBOT TRANSFERS THE EMPTY BOXES TO THE PALLETIZING STATION, OPTIMIZING EFFICIENCY AND AVOIDING DOWNTIME. WHEN READY FOR UNLOADING, THE SCAPE SOLUTION PICKS UP THE PARTS FROM THE CALIBRATION TABLE AND PLACES THEM IN THE DESIGNATED AREA.

CYCLE TIME:

LOADING: 11 SECONDS

UNLOADING: 15 SECONDS

PART WEIGHT AND DIMENSIONS:

<1.5 KG; 225 X 80 X 96 MM

PART DELIVERY:

HIGH PRECISION DELIVERY INTO FIXTURE

VISION SENSOR:

ONE SCAPE ULTRA 3D SCANNER

**Don't miss out the opportunity.
Get in touch with our experts and discuss your application!**

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