

task description Potting of the controller electronics and sealing of the housing

application field automotive

- properties
- ✓ cycle time: 30 sec
 - ✓ multi potting (pasting+ sealing)
 - ✓ fast curing adhesive
 - ✓ bond station
 - ✓ robot station: PCB insertion
 - ✓ conveyor system
 - ✓ function check



construction

material conditioning

- ➔ degassing of resin

potting

- ➔ dynamic mixing
- ➔ 2 dispensing cells:
 - pasting PCB (2 components)
 - sealing housing (2 components)
- ➔ drive program verification by bar code
- ➔ repetitive accuracy check

bond station (1)

- ➔ to connect PCB to plug

pallet loading station (2)

- ➔ handling station (robot) to insert pcb into housing

curing (3)

- ➔ one convection oven after each dispensing procedure

final check (4)

- ➔ electronic function test

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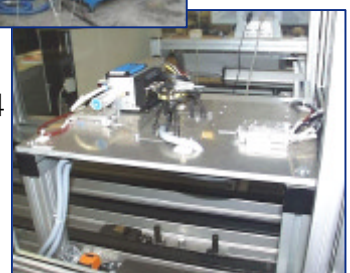
2



3



4



layout drawing

