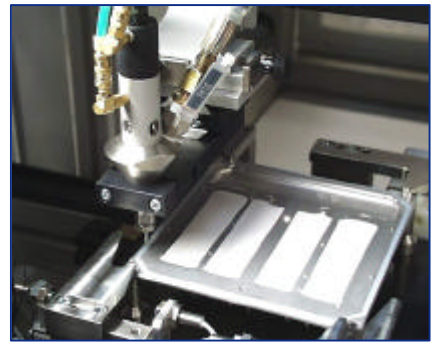


# Project sheet: sealing of a controller housing with pasted pcb

- task description pasting of a pcb and sealing of the controller housing (variants)
- application field automotive
- properties
- ✓ cycle time: 40 sec
  - ✓ 3- shift operation (ca. 300.000 parts/y.)
  - ✓ multiple dispensing: groove sealing (single component); pcb pasting (two component)
  - ✓ optical dispensing check (material:translucent)
  - ✓ two component material: high viscosity with abrasive fillers, thermal conductive
  - ✓ material conditioning (double)



construction

**material conditioning (1)**

- piston pump

1



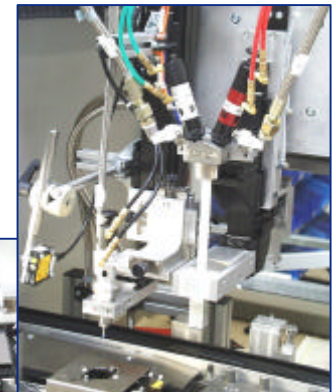
**material distribution (double)**

- 2 separate material circuits. Discharge and pressure-off function in case of system stop.

**dispensing (3)**

- pasting: 2 comp. over static mixing tube
- groove sealing: single comp. over dispensing valve
- variant detection

3



**optical needle check (4)**

**dispensing check (continuous track)**

- laser-based detection

4



layout drawing

