

# Project sheet

## Potting of ABS electronics



### Task description

Pasting of the controller electronics and sealing of the housing.

### Properties

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

## Construction

### 1. Material conditioning

- degassing of resin

### 2. Potting

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

### 3. Bond station

- to connect PCB to plug



### 4. Pallet loading station

- handling station (robot) to insert pcb into housing



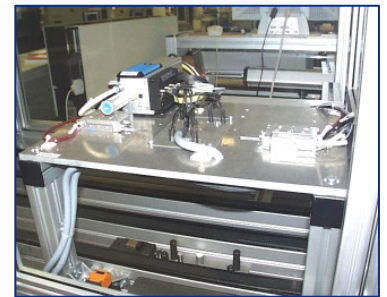
### 5. Curing

- one convection oven after each dispensing procedure



### 6. Final check

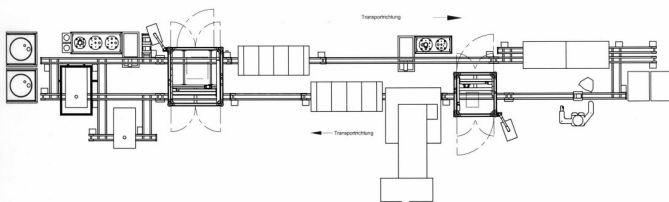
- electronic function test



## Application field

- automotive

## Layout



## Contact



**BARTEC Dispensing Technology GmbH**

Ahornweg 4

D-97990 Weikersheim

phone.: +49 (0) 79 34 / 1 04 - 0

fax: +49 (0) 79 34 / 1 04 - 3 71

Email: [sales@bartec-dispensing.com](mailto:sales@bartec-dispensing.com)

[www.bartec-dispensing.com](http://www.bartec-dispensing.com)