

*pico*CELL

Assembly and testing
in a confined space



The **picoCELL** is a very compact and economic basic machine for assembly and testing of parts or products.

Depending on the application the machine will be equipped with pneumatic, cam or servo driven technical solutions. Various criteria such as number of single parts and processes, required output and, last but not least, the location must be taken into account.

Due to the small footprint of less than one square meter, the **picoCELL** is used particularly in the clean room application and can be integrated almost anywhere or easily into existing production lines.

Area of application

- For quantity requirements up to 240 parts/minute
- Assembly and testing of subassemblies or products, consisting of up to 4 single parts
- 100% inspection of products on single or multiple tracks
- optimal for direct linkage with injection moulding machines



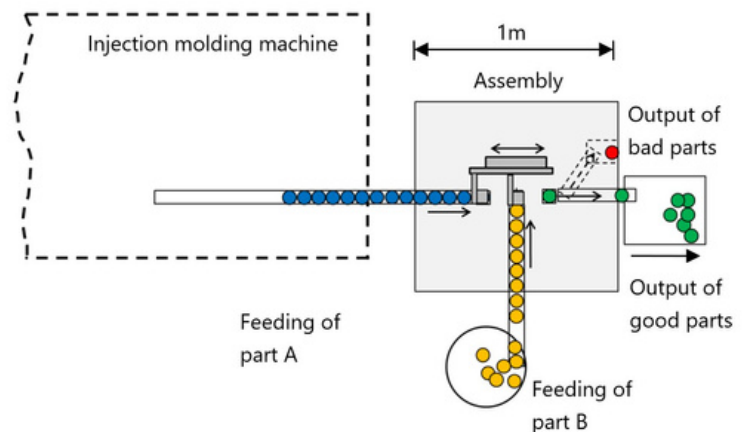
Of course, the **picoCELL** can also be delivered in compliance with GMP, GAMP5 or CFR21 part 11.



Application example

The **picoCELL**, equipped with a handling unit with 2 grippers for assembly of two plastic parts and an output of 80 cycles/minute.

1. Feeding of part A on a conveyor, directly from the injection moulding machine
2. Feeding of part B by a feeding system
3. Assembly of part A and B with inspection
4. Output of good parts into a box
5. Output of bad parts into a box



Technical Data

Dimensions (L x W x H)
Leistung
Drive
Control
Power supply
Design (optional)

1.000 x 800 x 2.000 mm
up to 240 parts / minute
pneumatic, cam or servo driv
Siemens S7
400 VAC / 50 Hz, 5 bar at least
in accordance with GMP, GAMP5 and 21 CFR part 11



LAS Lean Assembly Systems GmbH
Talstraße 13
73547 Lorch-Weitmars
Germany

T +49 (0) 7172 / 189 17 - 520
info@las-automation.de

www.las-automation.de