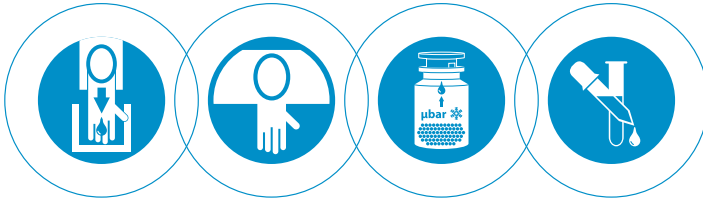


PERSONAL INVITATION

OPTIMA
EXCELLENCE IN PHARMA

O! intelligent solutions



Sterile Filling

Isolator/RABS

Freeze Drying

Diagnostic

ACHEMA 2015

O! intelligent solutions

Dear Sir or Madam,

Experience live at the Achema from 15–19 June the expert interviews O!talks and intelligent solutions for sterile filling, isolators/RABS, lyophilization and diagnostics.

Would you like to **look behind the scenes of lyophilization?**

We welcome you to use our **shuttle service** to our production facility in Gladenbach–Mornshausen (approx. 45 min. journey time).

Make this opportunity yours.

Secure your entrance card and your personal appointment at:
www.optima-achema.com

We look forward to seeing you.

Yours
OPTIMA pharma GmbH



Sieghard Schuchmann

P.S.: Happy Hour

at  **COCKTAILBAR**
daily from 4 p.m.

ACHEMA

June 15 –19, 2015 | Hall 3, Booth A73

4 Expert Interviews

- O! Lyophilization process technology – Focus on process safety and efficiency
- O! Trends in barrier systems – Fascinating insights in isolator technology
- O! Changing production strategies – New challenges in sterile filling
- O! Airflow visualization – New opportunities for the design process

Twice a day

From 10:00 a.m.–12:00 p.m. and 13:30 p.m.–15:30 p.m.

Real time visualization by a live designer

Entertaining, concise and to the point

O!intelligent solutions

Experience intelligent solutions and trailblazing technologies

Complete vial filling line under isolator

Minimal product loss in entire batch process

Fast changeover time via fully automatic format change | Disposable product path | reduced VHP decontamination cycles

Modular line with highest flexibility

Nested vials, syringes and cartridges on a single line in modular design

Robot for Tyvek lid® and liner removal | IPC | vacuum filling and stoppering | Output: up to 36,000 containers/h.

Line for bottles and vials

Pipettes, crimp and screw caps
Sterile filling with large format and closure variety

Dosing with one lane peristaltic pump | 100 % filling weight control | wall installation | system can be operated from one single side | SCADA-System

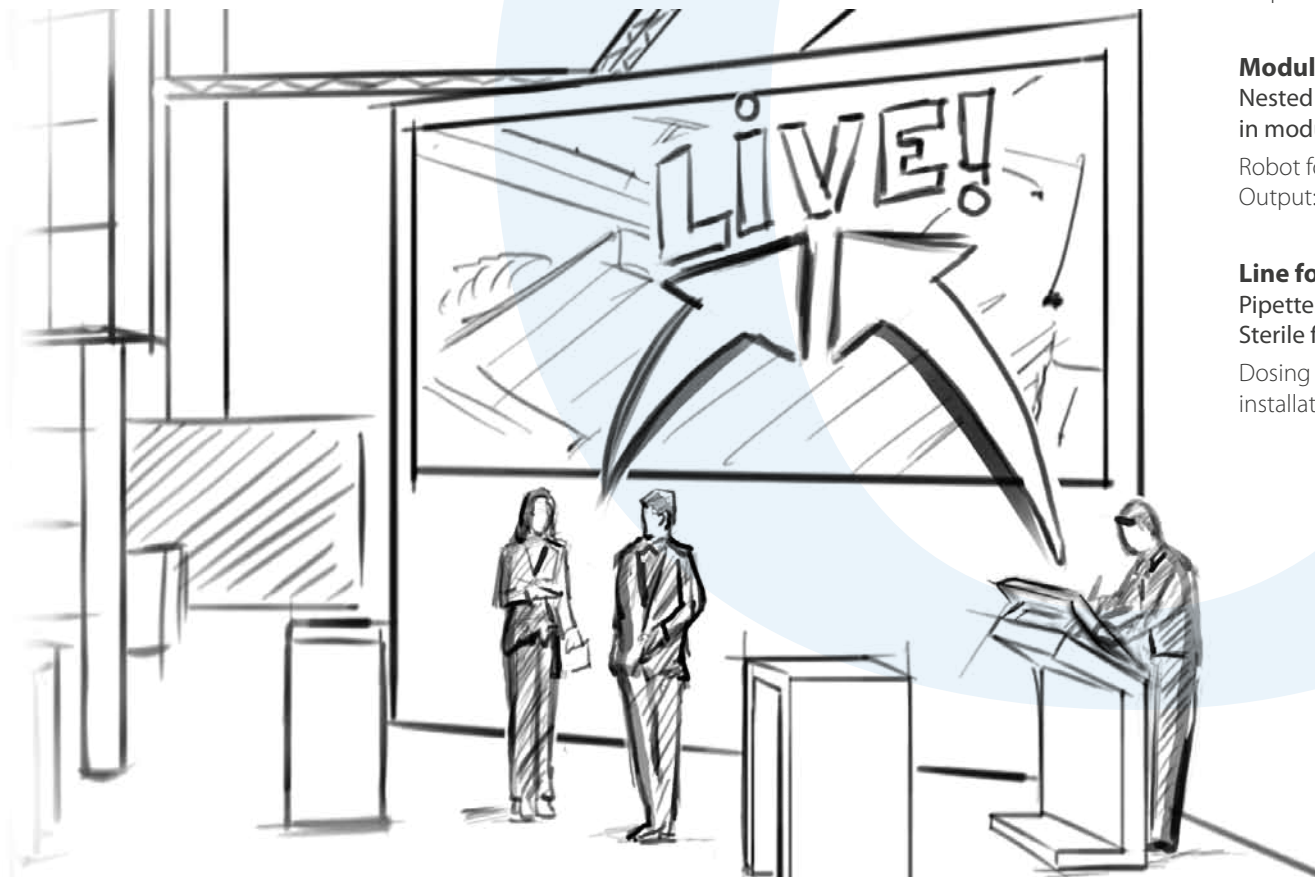
M+P Mobile Glove Testing System

A minimum test time of 15 minutes is needed for the simultaneous testing of six (6) gloves.

Powder auger filler

Sterile filling of powders

Dosing device can be integrated as an assembly in the filling machine or used independently as a semi-automatic unit



OPTIMA

EXCELLENCE IN PHARMA

OPTIMA pharma GmbH

Otto-Hahn-Straße 1 | 74523 Schwaebisch Hall | www.optima-pharma.com