



News

Issue 2/2009



Optrel
engineering
Stevanato Group

OPEN HOUSE: Optrel's equipments live demo at Stevanato Group's site!

In conjunction with Stevanato Group's 60th Anniversary, Optrel will display automatic and semi automatic inspection machines.

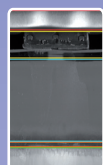
Don't miss the chance to look over our innovative inspection technology, with embedded Leak Test.

Please find details of machines displayed in the Stevanato Group showroom.

FEATURING



Equipments in compliance with the most important worldwide regulations



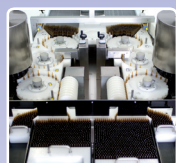
Special Controls:
- OCR and OCV reading
- Freeze dried detection
- Dark Products



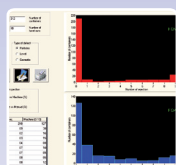
HMI
Easy to use
Matching 21CFR11



Special Application:
LEAK detection System



Double module
or combined solution



Inspection results
in real time

MCA 200
Automatic inspection machine



Container Range	Ampoules and Vials
Product	Liquid
Container diameter	From 8,65 mm to 30 mm
Container Height	From 35 to 115 mm
Output	12.000 pcs/hour

MCA 200 LKD
Automatic inspection machine



Container Range	Ampoules and Vials
Product	Liquid
Container diameter	From 8,65 mm to 30 mm
Container Height	From 35 to 115 mm
Output	12.000 pcs/hour

TECHNICAL DATA

Container Range	Cartridges Vials Ampoules
Product	Liquid - powder - FD
Container diameter	From 10,75 mm to 49 mm
Container Height	From 35 to 145 mm
Output	9.000 pcs/hour

Container Range	Vials
Product	Liquid - powder - FD
Container diameter	From 10,75 mm to 51mm
Container Height	From 35 to 120 mm
Output	4.500 pcs/hour

Notes Automatic Reject Device



MCA150/49
Automatic inspection machine



PWL 60
Semi automatic inspection machine



Stevanato
group

synchronized solutions

Optrel LTD SRL Unipersonale

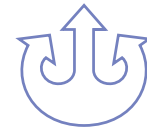
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2009 PDA Europe The Universe of Pre-filled Syringes and Injection Devices



27/30 October 2009 Venice, Italy Conference, Exhibition, Training Courses



Customers, agents, and visitors interested in Optrel's inspection machines can meet us in the Stevanato Group showroom at the main site in Piombino Dese.

...for participants interested in visiting Optrel's showroom...

Stevanato has arranged a free and comfortable daily pick up service (by means of a shuttle – bus) from the Exhibition in Venice to Optrel's showroom in Piombino Dese.

TECHNOLOGICAL ADVANTAGES

REGULATION and VALIDATION PROCESS

- Equipments built in compliance with **cGMP, GAMP5 and 21CFR11**.
- Defects classified as from the **PDA glass task force**
- Visual system capable to detect contamination and non conformities according to **Pharmacopeia and FDA Regulation**.
- **Knapp Test Automatic mode**: permitting the routinely verification of the machine's performances

VISION ARCHITECTURE FOR INSPECTION

- **360° Cosmetic Inspection** (based on the Linescan technique)
- Mixed linear and area cameras for different inspection view
- Parallel acquisition of several cameras (4 to 12)
- High speed images acquisition through digital monochromatic and color cameras
- Simultaneous display of all cameras and data/image recording

ROBUST MECHANICS

- Maintenance free machine design with electrically synchronized servo motors through a dedicated motion control unit.

DATA RELIABILITY

- All inspection data and programs stored securely on **RAID disk**
- **Traceability** of the inspected products through Audit trail of PLC



synchronized solutions

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China Pharm 2009
booth 5401, hall W5
When October 27th - 30th
Location Shanghai New International Expo Centre
Contact:
www.chinapharmex.com



PDA
The Universe of
Pre-filled Syringes
When:
27-30 October 2009
Location:
Venice (Italy)
Contact: www.pda.org



Seminar in Iran
Established by Farayand Danesh Arian Co.Ltd.
When: 1-2 November 2009
Location:
Teheran (Iran)
Contact:
www.farayand.com



Japan Workshop 2009
Interaction with
packaging in drug
delivery systems
When: 9 November 2009
Location: Tokyo
Contact:
www.pharmapack-symposium.org



Pharmtech
Pavillion 2 Hall 7
When:
24-27 November 2009
Location:
Moscow - Russia
Contact:
www.pharmtech-expo.ru



India Workshop 2009
Interaction with
packaging in drug
delivery systems
When: 30 November 2009
Location: Mumbai
Contact:
www.pharmapack-symposium.org



CPI Mumbai
booth # F25
When:
1-3 December 2009
Location:
Bombai Exhibition Center,
Mumbai - India
Contact:
www.cphi-india.com

CPI India 2009

