



**ADELPHI**  
MANUFACTURING



**ADELPHI**  
GROUP OF COMPANIES

## Vials and Vial Processing Equipment Portfolio





# VISUAL INSPECTION OF LIQUIDS IN VIALS

## Apollo II Liquid Inspection Unit (for transparent glass)

Designed for use in pharmaceutical and laboratory environments, the Apollo II Liquid Viewer provides a simple method for the detection of visible particles in ampoules, vials, and bottles.

The unit is operated by simply swirling each individual container in front of both panels, and observing for any particulate contamination (other than air bubbles) unintentionally present in the solution. In front of the black panel, light coloured particulates will be visible, and in front of the white panel, dark coloured particulates will be visible.

This unit conforms to the European Pharmacopoeia Specification 2.9.20 and to the US Pharmacopoeia – USP chapter 41, section 6.1.



### Key Features:

- Adjustable lamp unit for comfortable working height
- Uses two energy efficient LED lamps.
- Fold up frame for space saving and easy storage - the inspection surfaces fold together to reduce the chance of damage.
- Removable diffuser for use with coloured glass.
- Conforms to European Pharmacopoeia 2.9.20 and to the US Pharmacopoeia – USP chapter 41, section 6.1.
- Intuitive assembly with no tools required.



Item code	Specification
6031511	APOLLO II LIQUID VIEWER
Length (mm)	714
Width (mm)	420
Height (mm)	450
Weight (kg)	Nett: 10 Gross: 7.9
Carton size (cm):	76 x 52.5 x 26.5
Electricity:	100/240V AC 50/60HZ



Supporting IQ/OQ documentation can be supplied upon request.

User manuals are available in English, French, German, Spanish, Dutch and Czech – additional languages are also available upon request.



# VISUAL INSPECTION OF LIQUIDS IN VIALS

## Apollo II Dimmable Liquid Inspection Unit

The Apollo II - Dimmable specification - offers all the benefits of the Apollo II, as well as additionally enabling light level adjustment by dimmer control. It also allows adjustable position of the light box in the range of 1,200 Lux up to 3,500 lux, depending on the light in the room.



## Apollo II High Intensity Liquid Inspection Unit (for coloured glass)

The Apollo II - High Intensity specification - is ideal for coloured glass containers. It uses three LED bulbs, giving a light level of 8,000 – 10,000 lux.

This unit also conforms to the European Pharmacopoeia Specification 2.9.20 and to the US Pharmacopoeia – USP chapter 41, section 6.1.



Supporting IQ/OQ documentation can be supplied upon request.







## SCHOTT adaptiQ® Sterile Vials

SCHOTT adaptiQ® vials are supplied clean, sterile and ready to fill. They are available in a variety of packaging formats to best suit your production process.

### Key Features:

- ISO standard dimensions
- Supplied with full sterility certification
- Suitable for automated and manual aseptic processing
- TopLine quality
- Choose from [Cup Nest](#), [Tray](#) or [Clip Nest](#)

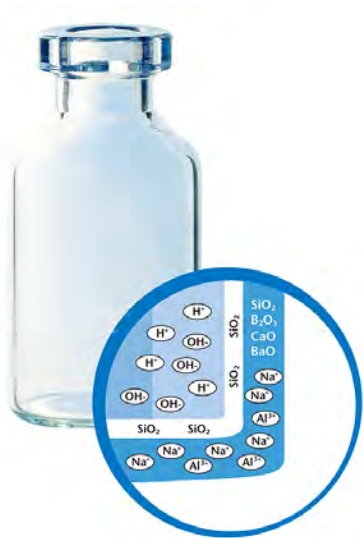


## SCHOTT Type I Plus® Vials

An ultra-inert SCHOTT Type I glass Vial, internally coated with a chemically bonded SiO<sub>2</sub> layer

### Suitable for:

- High PH products
- Sensitive formulations
- Products with delamination issues
- Radioactive Diagnostics
- High value fills with unknown properties (risk mitigation)

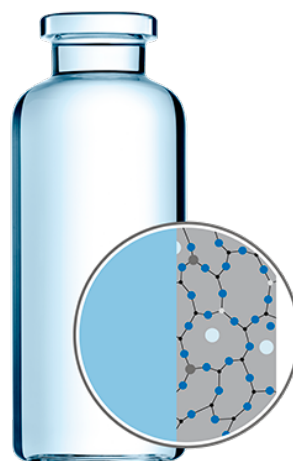


## SCHOTT EVERIC® pure

SCHOTT's new generation of ultra-pure pharmaceutical vials designed to meet the exacting drug stability needs of low-fill drugs

### Recommended for:

- High PH products
- Sensitive formulations
- Products with delamination issues
- Radioactive Diagnostics
- High value fills with unknown properties (risk mitigation)



## Daikyo CZ Polymer Vials

Manufactured from Cyclic Olefin Polymer (COP), CZ Vials have excellent barrier properties and transparency qualities comparable to those of glass

### Key Features

- Suitable for low temperature storage
- Low extractables profile
- Delamination resistant
- Low particle levels
- Available in sizes 2ml to 100ml

## SCHOTT TopLyo® Vials

With a hydrophobic internal coating the TopLyo vial is designed to optimise the containers role in the lyophilisation process

### Key Features

- Hydrophobic internal coating
- Enhanced thermal transfer
- Inhibits product creep during lyophilisation
- Available in capacities: 2ml, 6ml, 10ml, 20ml, 50ml



## Standard ISO Injection and Freeze Drying Vials

Manufactured by SCHOTT Pharma from SCHOTT Fiolax® Type I tubular glass.

### Key Features:

- 100% camera inspection of dimensional parameters
- Manufactured and packed according to ISO 9001 and ISO 15378
- Compliant with EP, JP and USP
- 13mm and 20mm crimp neck finishes
- Camera inspection for critical cosmetic defects





## Our customers say...

"Fast, reliable and friendly. I recently ordered the Apollo I Liquid Viewer and was dependent on the delivery arriving in Switzerland within a few days. The employees were extremely helpful and reliable. Within a week the financial part as well as the delivery was completed and the box was ready for use. The quality of the box is also top notch and allows particles to be seen as reliably as possible. Thanks a lot!"

**- Thomas Schick – InnoMedica Holdings AG - Switzerland**

"We recently acquired two Apollo II and we are very satisfied with the purchase. The minimalist and elegant design joined to the easy mode of use are some of the best qualities. The most important for us is that the instrument works under the European Pharmacopoeia Specification."

**- Inolab - Mexico**

"A practical and user friendly piece of equipment - [The Apollo II] does what it says on the box to a high standard. Ideal for smaller units or units with not much space."

**- KP - Pharmaceutical QA Manager, United Kingdom**

"The Apollo II Liquid Viewers are a very cost-effective and reliable [solution], as well as compliant to US compendia. Great product!"

**- PharmEng Technology, Inc - USA**

