

Data sheet – VITROKit 100

1 Product identification

Product name	VITROKit 100
Product code / item number	VK-100
Version / revision	v1.0
Manufacturer / distributor:	VitrofluidiX GmbH

2 Product description

The VitroKIT 100 is a consumable kit designed for fluid handling in microfluidic applications using VitrofluidiX systems. The kit contains vials, crimp caps, and crimp plugs for the preparation, storage, and handling of liquids. It enables reliable and reproducible filling of cell culture media and is optimized for use with VitroFlow.Bio systems.

The VitroKIT 100 is intended as a replenishment kit for ongoing operation and does not include a crimping tool.



Component name	Quantity
Vials	100
Crimp caps	100
Crimp plugs	100
Instructions flyer	1
Safety & storage flyer	1

3 Intended use

This product is not a medical device. Product consisting of consumable components to support the fluidic operation of VitrofluidiX systems.

The product is intended for:

- technical/internal laboratory use
- supporting the operation of VitrofluidiX systems
- non-clinical, non-diagnostic applications

The product may only be used for the technical purpose described.

4 Materials & composition

Component	Material	Special features
Vials	Glass / Polymer	Autoclavable
Crimp caps	Aluminum + polymer	Suitable for sterile sealing
Crimp plugs	Elastomer / rubber	Leak-tight sealing

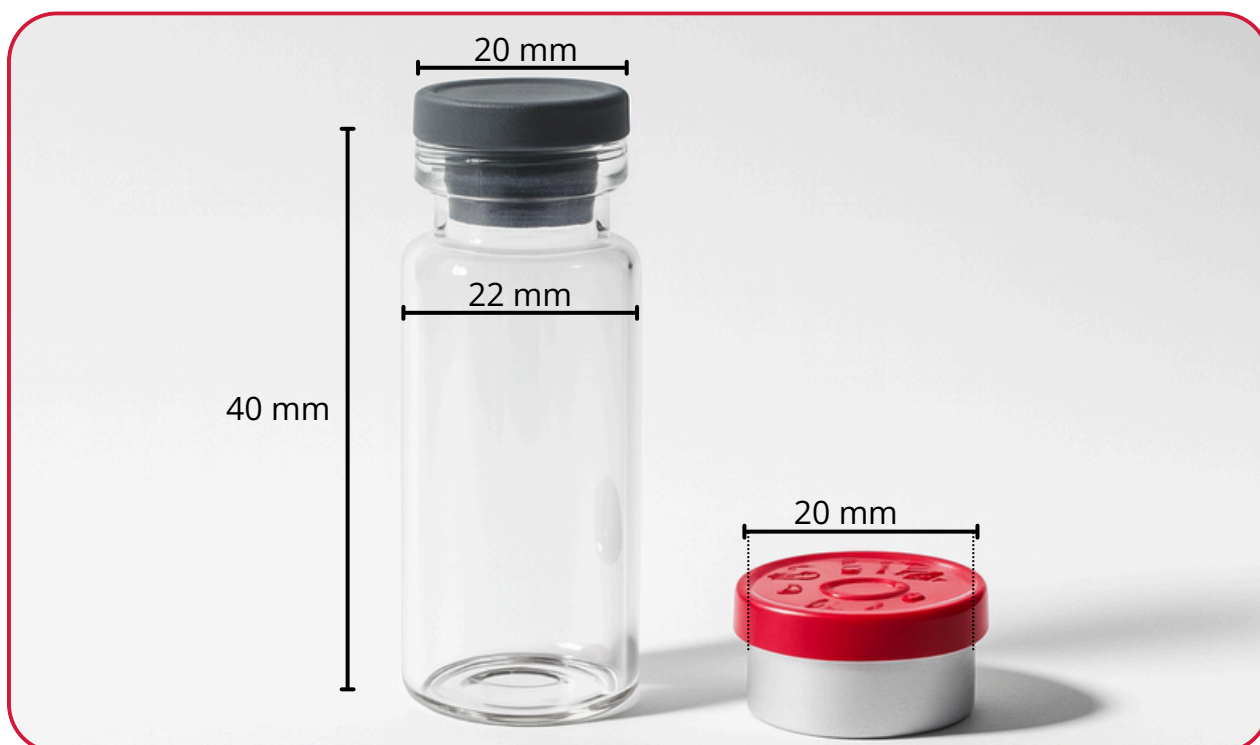


Additional information:

- Autoclavable: Yes
- Chemical resistance: Depends on media and reagents used

5 Technical informations

Kit-level	
Typical usage duration	approx. 3 months (depending on application)
Number of vials	100
Vials & plugs	
Volume	6 ml
Closure type	Crimp
Outer Diameter of Crown	20 mm
Outer Diameter of Body	22 mm
Height vial	40 mm
Diameter crimp aluminium cap	20 mm




6 Safety instructions

- Only use the product for its intended purpose
- Read the instruction flyer before use
- Improper use may result in malfunctions or material damage
- No warranty in case of misuse or modification

7 Storage & transport

- Store at room temperature
- Store in a dry place away from direct sunlight
- Keep in original packaging until use

 For details, see the Safety & Storage Flyer.

8 Handling & operation

- The product must be handled in accordance with the provided instructions.
- Vials are filled with liquid media prior to use
- Crimp caps and plugs are applied to seal the vials
- A compatible crimp tool is required for proper sealing
- Sterilization of components may be required depending on application
- Consumption intervals depend on usage and operating conditions.

Reference:

- Operating instructions VitroFlow.Bio
- VitroKIT 100 Instructions Flyer

9 Compatibility & regulatory status

- The product is intended for use with:

 VitrofluidiX VitroFlow.Bio systems

No guarantee of functionality when used with non-approved systems.

This product includes components sourced from qualified external suppliers. These components are manufactured under certified quality management systems (produced under ISO 9001:2015 and ISO 15378:2017 QMS).

VitrofluidiX GmbH performs final product assembly, packaging, and quality control.

- Applicable law: General product safety law

10 Liability & responsibility

- VitrofluidiX GmbH accepts no liability for:
- Use outside the defined intended purpose
- Modification or misuse of components
- Combination with non-approved products



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