

# Data sheet – VITROKit 100+

## 1 Product identification

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

## 2 Product description

The VITROKit 100+ is a consumable starter kit designed for fluid handling in VitrofluidiX systems. It includes vials, crimp caps, crimp plugs, and a crimp tool for the preparation and secure sealing of cell culture media. The kit enables reliable filling, storage, and handling of liquids in microfluidic experiments and is optimized for use with VitroFlow.Bio systems.

The VitroKIT 100+ is intended as an initial setup kit, providing all required components including a crimping tool for first-time use.



Component name	Quantity
Vials	100
Crimp caps	100
Crimp plugs	100
Crimp tool	1
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
Crimp tool	Metal	Manual operation

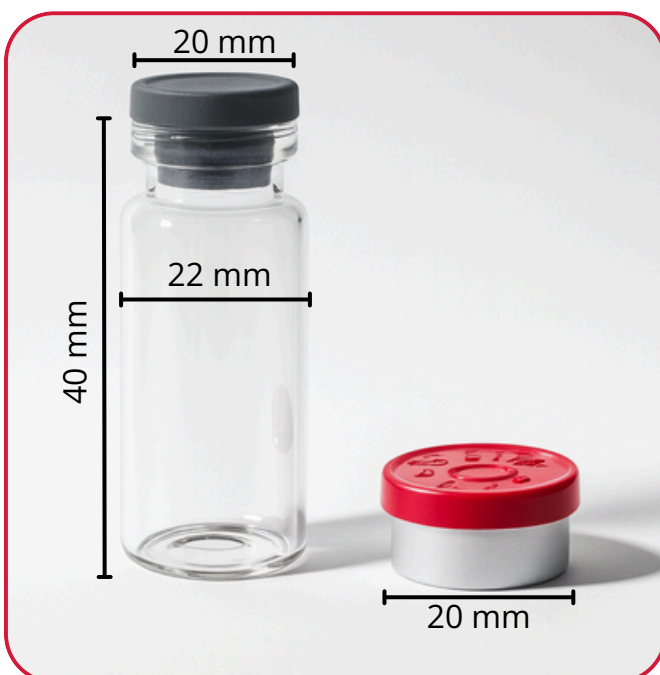


#### Additional information:

- Autoclavable: Yes (excluding crimp tool)
- Chemical resistance: Depends on media used (see operating instructions)

## 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



Crimp tool	
Material	Stainless steel
Function	For secure and uniform sealing of crimp caps
Compatibility	Suitable for 20 mm crimp caps

## 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

## 6 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 according to the provided instructions flyer.
- Vials are filled with media and sealed using crimp caps and plugs
- The crimp tool is used to ensure secure closure
- Components should be sterilized prior to use if required

### 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



**info@vitrofluidix.com**



**linkedin.com/company/vitrofluidix**



**vitrofluidix.com**



**Gottfried-Hagen-St. 60-62, 51105 Cologne**