

Dissolution Vessel Cleaner

# DVC-24

Efficient and mobile cleaning of dissolution vessels



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**ERWEKA**

# Dissolution Vessel cleaning

## faster than ever before

The new patented steam cleaning method from Gloss Technologies that is built inside the DVC-24 allows quick and easy dissolution vessel cleaning. Since the vessels can remain inside the dissolution tester, risks of accidents such as glass breakage or contamination due to spilling is completely avoided. With a short start-up time of less than 7 minutes and vessel cleaning within 20 seconds, the DVC-24 greatly speeds up the remachining process of the dissolution tester. Thanks to its light-weight and mobile design, the DVC-24 can be used in every laboratory and with every dissolution tester, regardless of the equipment manufacturer.

To guarantee reliable cleaning results, it is possible to qualify the cleaning method, complete with reference tablets and qualification documents.

### Highlights



Unique, patented cleaning with steam



Ready for use in less than 7 minutes & vessel cleaning within 20 seconds



Universal vessel cover fits all standard vessels



Operation Qualification



Compact, light-weight and mobile design



Vessel emptying

Steam cleaning

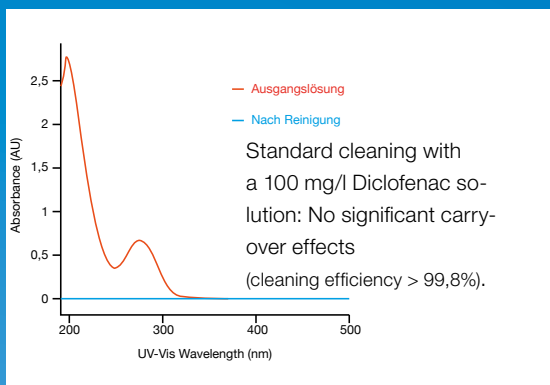
Emptying of remains

Vessel cleaned



PATENTED CLEANING METHOD

# Patented steam cleaning method



Symmetrically sprayed steam with its high solving properties is non-toxic and shows no significant carry-over effects (as shown in the diagram on the left).

The quick availability of steam makes it the perfect cleaning agent, without the risk to damage the vessels.

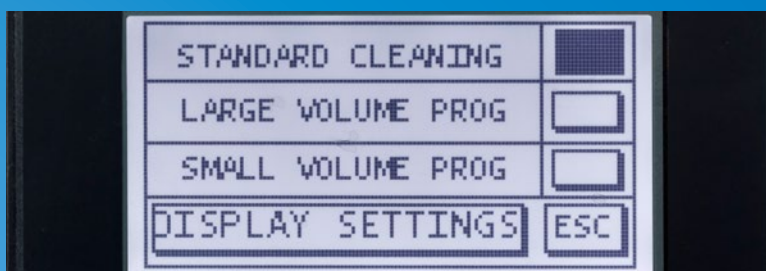
## User-friendly

**USP 711** Conformity to USP 711

No glass breakage since vessel stays in the device

No vessel recalibration necessary since vessel stays in the device

Preheating of the vessel due to hot steam



## The cleaning programs

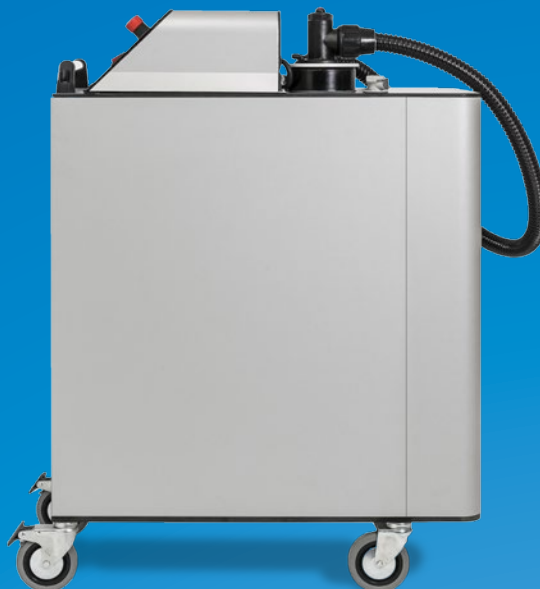
The DVC-24 offers three different cleaning programs for different levels of contamination and vessel volumes. The device is suitable for vessels made out of glass or plastic with 500 ml\*, 1 liter or 2 liters\*. Granules, pellets or tablet fragments with a diameter of up to 3 mm can be easily soaked up.

For dissolution media with surfactants such as sodium lauryl sulfate, we recommend adding an anti-foaming agent, e.g. the specially developed DVC-24 anti-foaming solution\*.

	Standard Cleaning	Large volume program	Small volume program
Volume	900 ml	1000 ml	500 ml
Runtime	Standard (20 sec. / Vessel)	Longer runtime, intensive cleaning power	Short runtime, lower cleaning power
Best suited for	Vessel with normal contamination	Vessel with persistent contamination	Vessel with low contamination

\*optional

# Options



- Attachment for Sotax available
- Qualification documents including reference tablet
- Method program for programming an additional customized cleaning
- DVC-24 anti-foaming solution for pretreatment of media with surfactants
- DVC-24 cleaning solution

## Technical data

Device	
Dimensions	69.5 x 39.5 x 97.5 cm
Weight (ready for operation)	Approx. 50 kg
Energy demand	115 VAC/230 VAC - 50/60 Hz - 3000 W
Operation	
Noise level	Less than 65 dB
Cleaning cycles	24 (based on 1 liter vessel)
Cleaning programs	3 preprogrammed, customized if required
Start-up time (from cold start)	Less than 7 minutes
Reconditioning time	Approx. 6 minutes (after completed cycle)
Cleaning time	18 to 25 seconds per vessel, depending on the selected program
Cleaning agent	Distilled water
Test vessel	USP 1 liter vessel, all manufacturers (Sotax vessel requires attachment, optional) Optional: 2 liters and 500 ml; plastic vessel
User interface	LCD touchscreen
Residue treatment	Securely stored in waste tank, before emptying