



MEDIPREP SERIES

MEDIA PREPARATION FOR UP TO 16 L

HIGHLIGHTS

MEDIPREP SERIES

With the MediPrep 1622, up to 16 liters of release media can be quickly and easily prepared for dissolution tests in less than 25 minutes - precisely tempered, mixed, degassed and metered in a gravimetrically controlled manner. The media preparation is conform to USP/EP guidelines and is correctly documented according to GLP / GMP guidelines. Foaming media such as SDS (Sodium Dodecyl Sulfate) can also be used.

Filling takes place either via the integrated dosing port or for direct filling in the release bath via a dosing hand. The MediPrep 1622 also offers two additional inlets via which concentrates can be mixed / diluted.

Time-optimized media preparation

The devices of the MediPrep family allow up to 3x faster media preparation in comparison to a manual approach.

Even better - while MediPrep does all the media preparation on its own, the laboratory employee can focus on other more important tasks, thus increasing productivity.

Complete GLP / GMP documentation

The ERWEKA MediPrep logs all important information according to GLP / GMP standards that arise during media preparation and can easily assign the data to a batch ID.

100%

100% USP/EP
compliant
filling



GLP/GMP compliant
documentation

SDS

Up to 14 l 1% SDS-
containing medium
with MediPrep 1622



Memory for 50 users
with three different
access levels



Memory for 100
methods



Highly precise filling

Thanks to gravimetric filling, the MediPrep works with the highest precision that the user can always rely on.

Integrated cleaning procedure

Thanks to the integrated cleaning procedure, the MediPrep can automatically clean the built-in media container and all tubing. This leaves no residues and the user can easily prepare the next medium without wasting time.



CONSIDERABLE TIME SAVING

FULLY AUTOMATIC MEDIA PREPARATION

The devices of the MediPrep series work up to 3x faster in media preparation compared to manual preparation by the laboratory employee. And the best thing about it - it runs fully automatically. The laboratory worker can therefore carry out other activities while the MediPrep manages media preparation on its own.

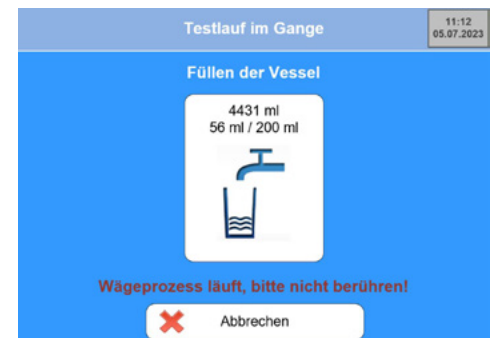
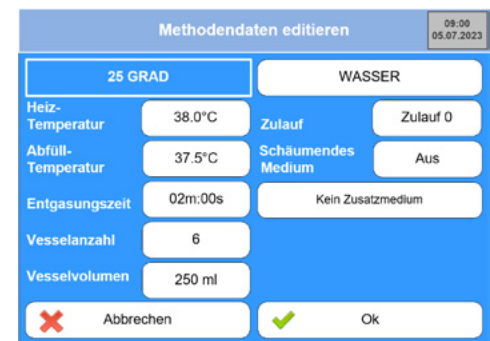
The vacuum is also maintained until the user manually begins the filling process.



FILLING OF 250 ML WITH MEDIPREP 1622

With a 1% filling accuracy for volumes ranging from 500 ml to 2000 ml, there are instances where measurements for 250 ml do not meet specifications. To ensure a properly filled vessel with 250 ml, we recommend adding at least one additional vessel in the MediPrep filling method.

If the filling does not fall within the specified accuracy, the excess volume should be discarded.



VERSATILE EXPANDABLE

THE OPTIONAL ACCESSORIES FOR THE MEDIPREP

The devices of the MediPrep Series can be used in a variety of ways for the customers' needs.

- | MediPrep 1622 with two additional inlets for concentrates/mixing media
- | Remote dosing hand for direct filling
- | Optional extension to 3.5 metres
- | Pressure reducing valve for direct connection of DI-water if > 5 bar
- | MT 50l (50 l volume net) storage container for media
- | MT 100l (100 l volume net) storage container for media
- | Rack for 3 vessels
- | Calibration weights (2.0 kg, 5.0 kg, 10.0 kg)
- | IQ/OQ documents, IQ/OQ service
- | Digital thermometer, certified
- | Digital manometer, certified
- | Printers





TECHNICAL DATA

MEDIPREP SERIES

MEDIPREP 820:

| | |
|-------------------------------------|--|
| Max. volume inside tank | 8 liters |
| Min. volume inside tank | 2 liters |
| Functions | Vacuum degassing, heating, gravimetric filling |
| Pharmacopeia conformance | USP, EP |
| Inlet for premixed media | 1 inlet for media from external source |
| Outlet for residual or waste medium | ✓ |
| Remote dosing hand | Optional |
| Display & Control | Touchscreen 7" |
| Common aqueous media at least 2 l | ✓ |
| Time needed for media preparation | ≤ 15 minutes for 8 l (depending on the degassing time) |
| Mixing accuracy | Mixing not possible |
| Handling of foaming media (SDS) | Up to 1 % solution at max. 6 l |
| Dosing volume, accuracy | ≤1% for 250 to 1000ml |
| Weighing accuracy | ≤ 0,1 % at 2 kg |
| Heating temperature, accuracy | Max. 50 ° C, ± 0.2 ° C |
| Degassing pressure, accuracy | ≤ 200 mbar, ±10 mbar |
| Method memory | Max. 100 media production methods |
| User memory | Max. 50 users, password-protected access |
| Power supply | 115 V or 230 V, 50/60 Hz, 2x15 A |
| Interfaces | USB-A for printer, RS-232 interface for firmware |
| Weight | 36 kg |
| Dimensions (W x H x D) | 354 x 675 x 635 mm |

MEDIPREP 1622:

| | |
|-------------------------------------|---|
| Max. volume inside tank | 16 liters |
| Min. volume inside tank | 2 liters |
| Functions | Mixing, diluting, vacuum degassing, heating, gravimetric filling |
| Pharmacopeia conformance | USP, EP |
| Inlet for premixed media | 1 Inlet for media from external source, 2 inlets for concentrates |
| Outlet for residual or waste medium | ✔ |
| Remote dosing hand | Optional |
| Display & Control | Touchscreen 7" |
| Common aqueous media at least 2 l | ✔ |
| Time needed for media preparation | ≤ 24 minutes for 16 l (depending on the degassing time) |
| Mixing accuracy | ≤ 1 % with a ratio of concentrate to water 1: 9 to 1: 1 (m / m) |
| Handling of foaming media (SDS) | Up to 1 % solution at max. 14 l |
| Dosing volume, accuracy | ≤1% for 500 to 1000ml |
| Weighing accuracy | ≤ 0,1 % at 2 kg |
| Heating temperature, accuracy | Max. 50 ° C, ± 0.2 ° C |
| Degassing pressure, accuracy | ≤ 200 mbar, ±10 mbar |
| Method memory | Max. 100 media production methods |
| User memory | Max. 50 users, password-protected access |
| Power supply | 115 V or 230 V, 50/60 Hz, 2x15 A |
| Interfaces | USB-A for printer, RS-232 interface for firmware |
| Weight | 41 kg |
| Dimensions (W x H x D) | 367 x 692 x 645 mm |



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