

MediPrep 820 Series

Media Preparation



The MediPrep 820 series offers quick and easy preparation of up to 8 liters dissolution media in less than 15 minutes. In a single pass the media for dissolution tests can be precisely mixed, heated, de-gassed and filled gravimetrically into vessels. Foaming media like SDS (Sodium Dodecyl Sulfate) can also be used.

Filling can be done at the integrated dosing port or with the optional remote filling hand directly into the dissolution tester's vessels.

The MediPrep 820 offers one inlet for premixed media and one outlet for waste. The MediPrep 821 and 822 offer additional inlets for concentrates or premixed media. To prevent cross contamination an automated cleaning procedure is integrated.

The MediPrep 820 Highlights:

- Quick preparation and filling of up to 8 liter dissolution media conform with USP, EP in less than 15 minutes
- Documentation of the results according GLP/GMP
- Handling of up to 6 liters foaming media (tensides like SDS, max. 1% solution)
- Use of media concentrates mix ratio 1:9 to 1:1 with mixing accuracy $\leq 1\%$ (only MediPrep 821 and 822)
- Gravimetric filling taking into account the media density
- Complete documentation of preparation and dosing volume including identification via batch ID
- Easy adjustment and calibration of all instrument parameters (temperature, pressure, volume)
- Optional printer for documentation
- Integrated automatic cleaning procedure of container and tubing
- Easy to use color touch panel and user guidance via menu and icons
- Memory capacity for 20 user profiles with three different access level
- Memory for 100 media preparation methods

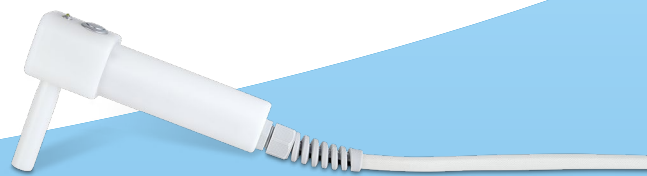


Filling with dosing hand directly into vessel



Quick documentation via mobile thermal printer

MediPrep 820 Series



Optional dosing hand for remote filling

Specifications

Product	MediPrep 820 / 821 / 822
Functions	Mixing, vacuum degassing, heating, gravimetric dosing
Pharmacopeia conformance	USP, EP
Inlet for premixed media	1 premixed media or DI-water for dilution of concentrates
Outlet for cleaning water	✓
Number of inlets for concentrates or premixed media	0 / 1 / 2
Remote dosing hand	Optional
Control	Touch panel 7"
Physiological media pH 1-12, at min. 2l	✓
Time needed for media preparation of 8l	≤ 15 min (dependent on degassing time)
Mixing accuracy	≤ 1% with a concentrate to water ratio 1:9 to 1:1 (only 821 and 822)
Handling of foaming media (SDS)	Max. 1% solution at max. 6 l
Dosing volume, accuracy	250 - 1000 ml , max. 1%
Weighing accuracy	≤ 0.1% at 2 kg
Heating temperature, accuracy	Max. 50° C, ± 0,5° C
Degassing pressure, accuracy	≤ 200 mbar, ± 2 mbar
Product memory	Max. 100
User memory	Max. 20 users, password-protected access
Interfaces	USB-A for specified printers, USB-B for firmware updates
Dimensions (height x width x depth)	635 x 345 x 650 mm
Weight	35 kg
Power supply, safety fuses	115 V or 230 V, 50/60 Hz, 2x16 A
Power consumption	Max. 2000 Watt

Options

- + MediPrep 821, as 820 with one additional inlet for concentrate/prepared media
- + MediPrep 822, as 820 with two additional inlets for concentrates/prepared media
- + Remote dosing hand for direct filling into dissolution tester
- + 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
- + Residual oxygen measuring device
- + Calibration weights (2.0 kg, 10.0 kg)
- + IQ/OQ documents, IQ/OQ service
- + Digital thermometer, certified
- + Digital manometer, certified
- + Printers

Technical specifications for described products stated without warranty and subject to change at any time without further notice.

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