

# SYSTEC MEDIAPUMP

DOSING, DILUTING AND DISPENSING OF FLUIDS

Fully automated, fast and precise



IDEAL FOR THE USE WITH  
THE SYSTEC MEDIAPREP  
MEDIA PREPARATORS



## FOR HIGHER EFFICIENCY, FLEXIBILITY AND SAFETY

The Systec Mediapump is a programmable multifunction pump for the manual or automated dosing of fluids. The performance of the electronically controlled peristaltic pump with its practical functionality and ease of operation speaks for itself.

A robust precision roller mechanism ensures the highest possible dosing accuracy even at high flow rates up to 3,000 ml/min, with the special roller head ensuring a continuous fluid flow with minimum pulsation. The Systec Mediapump is also particularly suitable for filling petri dishes with hot and viscous media.



## DOSING, DILUTING AND DISPENSING - FULLY AUTOMATED, FAST AND PRECISE

Thanks to its well thought design, the Systec Mediapump can also be used as a component of automated processes. It offers a high degree of flexibility because different tube sets can be programmed and used reproducibly. A novel tube bed mechanism facilitates the task of changing the tube sets.

All the functions are clearly laid out on the touchscreen of the Systec Mediapump together with the permanent display of the different parameters. Different languages and colour settings can be selected via the touchscreen. Ideal for the use with the Systec Mediaprep media preparators.



## FEATURES

- The tube sets can be changed quickly thanks to the novel tube bed mechanism
- Automatic calibration ensures reproducible results
- Optimum handling for the user thanks to the clearly laid out operator panel
- High quality industrial touch screen and smooth housing surfaces made of stainless steel for effective wipe disinfection
- Double roller pump head in conjunction with an optimized tube bed guarantees maximum precision ( $\pm 0.5\%$ ) and a long operating life for the tubes
- Reverse pump function prevents media from gelling in the tube set if the pump is out of use for longish periods
- Function for filling the tube at the start of the filling process
- Start and stop function can be operated either by hand or foot switch
- Fully flexible stand with holder for the discharge nozzle

## TECHNICAL DATA

Pump mechanic	2-channel pulley head with DC high-efficiency engine
Metered volume	0,1 - 99999,9 ml
Accuracy	$\pm 0,5\%$
Conveyor capability	3,000 ml/min
Database	45 memory slots available
Input voltage	85 - 264 VAC (47 - 63 Hz)
Power	100 W
Fuse	Net 2 x 2,5 A
Dimensions	240 (B) x 290 (H) x 230 (T)
Hose sets	ID 3-8mm

Errors and modifications subject to change without notice.