

HNP Mikrosysteme GmbH
Bleicherufer 25
19053 Schwerin (Germany)

Contact person
Dörte Hoffmann
T +49 385 52190-352
doerte.hoffmann@
hnp-mikrosysteme.de

mzr-Touch Control

Graphical user interface for mzr-dosing pumps

At Compamed 2017, HNP Mikrosysteme (HNPM) presents the mzr-Touch Control as a new possibility to control micro annular gear pumps (mzr-pumps) via a graphical user interface. The multilingual graphical user interface supplements the present control of mzr-dosing pumps via laptop or PC. The mzr-Touch Control can be used for most mzr-pump sizes and series with low to medium power drives. This compact device controls one pump each and is easy and intuitive to handle. Dosage volumes from 0.25 µl and flow rate ranges of 1 µl/min to 288 ml/min can be indicated by the user.

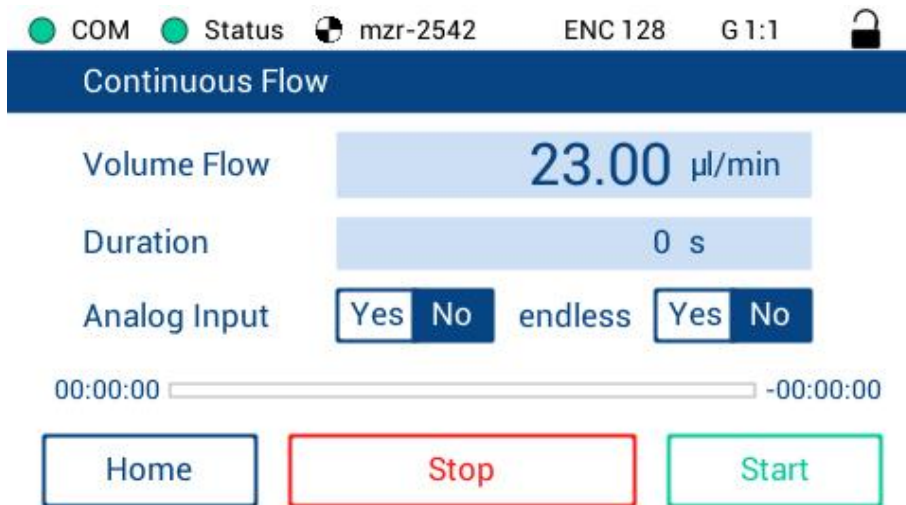
In the laboratory, in the pharmaceutical and chemical production as well as for the integration into analysis devices micro pumps of HNPM have proven themselves. In laboratory applications, where often only a single pump is used and the operator wants to focus more on his research tasks than on the technology, a simple structure and a state-of-the-art, easy-to-use graphical interface of the dosing system is a pre-condition for fast results.

Other accessories facilitate adaptations to the specific application conditions and increase ease of use. A holder system for mzr-Touch Control and pump assemblies including mzr-pumps of the low pressure and magnetic hermetic series is available, as well as a pen for input support and a manual switch operated by foot or hand. In addition to a graphical data analysis, the mzr-Touch Control offers a restart procedure that is helpful in a service case, and it meets the requirements of the IP 65 protection degree.

HNP Mikrosysteme

German company HNP Mikrosysteme GmbH develops, manufactures and markets pumps worldwide which do small amounts of liquids fast and accurately. Beside several applications at plant engineering, chemical processing and pharmaceutical industry, mzr-pumps are used in the field of life science and analytical instrumentation.

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Graphical user interface of mzr-Touch Control for the discrete dosage
Picture: *hnpm_mzr-Touch Control_dosing_en.jpg*



mzr-Touch Control as a new possibility to control micro annular gear pumps
Picture: *hnpm_mzr-Touch Control.jpg*

We kindly invite you to visit us at international fair **Compamed**, Düsseldorf,
H 8A, booth F29.2.