



MOBILEDos

Portable dosing station

General

Dosing is precision work and one of the key tasks in chemical engineering and water treatment. Particularly dosing pumps with DIGITAL DOSING™ technology are successfully employed in these areas.

The selection of the dosing pump with its suitable accessories requires systematic and elaborate adaptation to all process parameters.

MobileDos is a portable dosing station, which can either be installed on the floor or mounted on a platform. It is preassembled and ready for connection to 5 to 30-litre containers.

Components and characteristics

The portable dosing station MobileDos has a collecting tray of black polyethylene, on the back of which a dosing pump is mounted. This dosing pump can be selected out of the DIGITAL DOSING™ ranges DDI and DMI. All dosing pumps of both ranges are user-friendly as well as easy to operate and calibrate. The DDI 209 with stepper motor and Plus3 system is ideally suited for degassing media, such as chlorine bleaching. Integrated pressure retention and pressure relief valves protect the system from inadmissibly high system pressure and provide maximum dosing accuracy. A 10-metre pressure line with fitted injection unit minimises installation time and effort. The rigid suction line for 30-litre containers features an empty signal and pre-alert to warn in case of lack of dosing liquid – thus the dosing process can continue without interruption. A 5-metre signal input cable for contact / analogue input completes the dosing station in its entirety.

The dosing pump offers a variety of control options:

- Manual dosing
- Dosing in proportion to the quantity via analogue or pulse input
- Batch dosing by pulse or time
- External On / Off

Further outputs:

- Alarm relay for level signal and pump information
- Analogue output in proportion to the dosing flow
- Stroke / pulse signal output

Connection tension:

- 110-240 V +/- 10%, 50/60 Hz
- 1.5 m of connection cable with safety plug

Applications

- Dosing of chlorine bleaching for drinking water disinfection
- Dosing of lyes and acids for pH value regulation
- Dosing of coagulants for waste water treatment
- Dosing of cleaning and disinfection agents (CIP, cleaning machines)
- Dosing of biocides and inhibitors in cooling water

Mobile Dos (PN 10) with DDI with Plus3 system

Description	Dosing range	Order No.
MobileDos mit DDI 0.4 - 10	0.004 - 0.4 l/h	95706138
MobileDos mit DDI 2.5 - 10	0.025 - 2.2 l/h	95705530
MobileDos mit DDI 5.5 - 10	0.055 - 4.9 l/h	95715819

Mobile Dos (PN 16) with DDI with Plus3 system

Description	Dosing range	Order No.
MobileDos with DDI 2.2 - 16	0.025 - 1.9 l/h	95703390

Mobile Dos without dosing pump

Description	Remark	Order No.
MobileDos without dosing pump	Please select dosing pump separately	96733782

Optional accessories:

Cable, simple screening

Signal cable	Length	Order No.
for stroke signal, pulse signal, empty pre-alert or error signal	5 m	96609019
Signal output 4-20 mA	5 m	96632922

Measuring and dosing unit, 1 l/pulse

Description	Inject. unit	Order No.
Measuring and dosing unit QN6, R 1 1/4"	PV/T/C	96803388
Measuring and dosing unit QN10, R 1 1/2"	PV/T/C	96803387

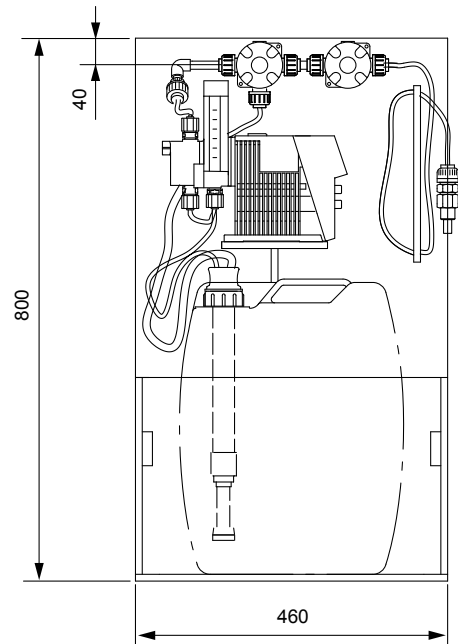
Threaded flanges

Description	Remark	Order No.
Threaded flange* for measuring and dosing unit QN6	DN 32/1.1/4"	00ID7617
Threaded flange* for measuring and dosing unit QN10	DN 40/1.1/4"	00ID7618

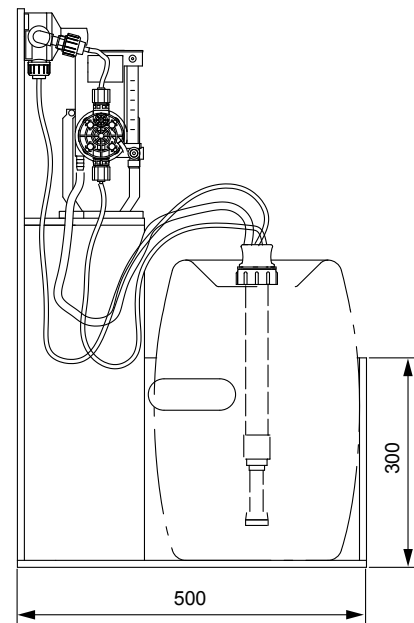
*) two flanges are needed for each unit

Protective equipment

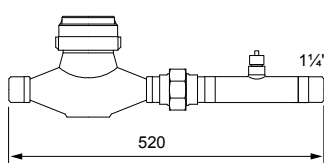
Description	Order No.
Protective gloves	96727012
Protective apron	96727013
Protective goggles	96727014
Warning sign NaOCl	96727025



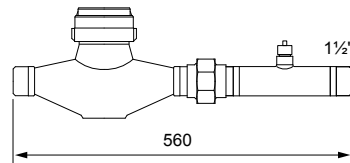
MobileDos front view



MobileDos lateral view



Measuring and dosing unit QN6



Measuring and dosing unit QN10