

1. Checking delivered parts and accessories

- pump WADose-Plus-HP
- power supply with power cable
- venting kit
- fitting 1/16" and 1/8"
- adaptor 1/8" to 1/16"
- adaptor 1/8" nipple to 1/4"
- USB-stick with instruction manual and technical data



Optional:

- Massflow meter mini CORI-FLOW™
- connection cable WADose/mini CORI-FLOW™
- heat exchanger (brass)



2. Preparing of inlet and outlet connections for the fluid

1. Connect the inlet fitting with 1/8" tube or the adaptor 1/8" nipple to 1/4" tube to the receiver tank
2. Connect the outlet fitting with 1/16" tube and if necessary the adaptor to 1/8" tube to the process or mini CORI-FLOW™
3. Check the connections for tightness



3. Positioning of the receiver tank

a) pressureless receiver tank

or

b) pressurized receiver tank

A shut-off valve must be installed before the pump. Otherwise the liquid can flow uncontrolled through the pump to the process.



4. Venting the pump

a) by using a non-pressurized receiver tank:

1. Connect the venting syringe
2. Open the venting valve (left turn)
3. Suck the liquid through the pump head until no more gas bubbles appear
4. Close the venting valve hand-tight (right turn)
5. Remove and discharge the venting syringe



b) by using a pressurized receiver tank:

1. Connect a venting tube instead the venting syringe
2. Open the venting valve carefully (left turn)
3. Vent the pump head until no more gas bubbles appear
4. Close the venting valve hand-tight (right turn)



Venting function "Purge"

If necessary use the purge function of the WADose for flushing the system

5. Connecting an optional mini CORI-FLOW™

1. Mechanical:
 - 1.1 Connect the tubing from the pump to the mini CORI-FLOW™ and to the process
 - 1.2 Check the connections for tightness
2. Electrical:
 - 2.1 Connect the circular plug at the mini CORI-FLOW™ and tight the socket housing
 - 2.2 Connect the SUB-D plug on the back of the WADose at the connector "LFM"



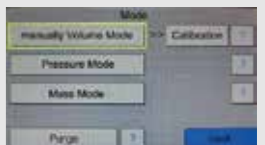
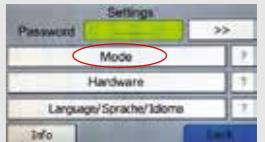
6. Switch-on the WADose

1. Check all mechanical connections and tubing for tightness
2. Check the electrical cabling
3. Power-on the WADose by pressing the rocker switch at the back



7. Operating mode setting

1. Enter password: **service**
2. Choose from menu "Mode":
 - a) **Manual Volume Mode**
(Volumetric dosing without a flow meter)
 - b) **Pressure Mode**
(Pressure controlled dosing with the signal of the integrated pressure sensor)
 - c) **Mass Mode**
(Flow controlled dosing with an optional flow controller mini CORI-FLOW™)



8. Check pump head settings

1. Enter password: **service**
2. Set the right type of mounted pump head (see engraving) and also the right range in the menu "Hardware/Pump Head"



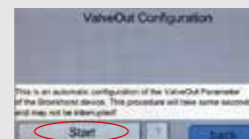
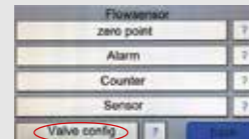
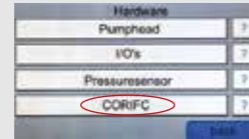
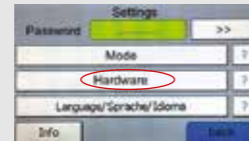
The range setting is only in Mass Mode or with external setpoint necessary.

9. Configuration of an optional mini CORI-FLOW™

The following steps are already done if the WADose was delivered incl. systemtest with mini CORI-FLOW™:

1. Menu "Hardware"
2. Menu "CORIFC"
3. Menu "Valve Config"
4. Press the button "Start" and wait until the end of configuration will be displayed

An afterward use of a mini CORI-FLOW™ absolutely demands this configuration!



Technical documentation:



FLUSYS

FLUSYS GmbH
 Otto-Scheugenpflug-Straße 6 D-63073 Offenbach
 Tel. +49 69 450916-500 Fax +49 69 450916-501
 www.flusys.de info@flusys.de

10. Start dosing

1. Enter a valid setpoint
2. Press button "Start/Stop" for dosing
3. Setpoint and if applicable measure are displayed with the Trend Function (press button "Trend")



Partner for precise high pressure applications



Operation, installation and startup of the pump WADose is only allowed for qualified personnel in consideration of protective equipment. This Quick-Start Manual does not replace the Instruction Manual which is leading in case of any doubt!