

Bevi MiniMax 140

Operating Instructions



BeviClean[®]
WIR MACHEN ALLES KLAR

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1. Safety Instructions

1.1 General safety instructions

- Check the device for transport damages upon receipt
- Observe the operating instructions and always keep it next to the equipment
- It must be excluded that unauthorised persons operate the equipment
- Install the equipment to instructions and do only use as described in these instructions
- Pay attention not to exceed the operating pressure of 4 bar in standard mode
- It is prohibited to remove safety devices such as e.g. overload protection
- It is only allowed to switch the system on after all connections are correctly connected
- Cleansing agents are aggressive and can produce injuries. Observe the safety data sheets
- Secure the dispensing equipment during cleaning against use
- Only authorised personnel is allowed to replace original spare parts according to BGVA3 and VDE 0701/702
- We do not accept any liability for damages caused by use of not original parts and accessories, or due to inappropriate handling



1.2 Safety information electricity

- Unauthorised intervention in the electricity can produce an electric shock, which might be fatal or cause serious injuries!
- Before cleaning works on the equipment or in the proximity of the equipment, it is required to pull the mains plug. The equipment is supplied with a two-pin earthed plug and is only allowed to be connected to earthed type F sockets



2. Scope of Supply

- Bevi MiniMax 140
- Bevi Handy for MiniMax
- Intake hose with sieve
- Drain hose
- Sample bag Bevi Power Plus (2 pieces)

3. Operating Instructions

3.1 Designated use

- Bevi MiniMax is appropriate only for chemo-mechanical full cleaning of beverage conducts
- Observe information from the manufacturer of equipment and cleansing agent



3.2 Connection

- Plug in the plug and enable the earth leakage circuit breaker (6)
- Have an intermediate container (bucket) with water ready
- Place the intake hose of the equipment (11) into the bucket and place the drain hose (2) into the drain and fasten it
- Remove compensator tap or piston tap and use corresponding cleaning adapters
- Connect connecting hose Bevi MiniMax (1) with the beverage conducts and establish circuit

3.3 Pre-rinsing with water

- Detach the adapter sight-glass from the housing by slightly turning it to the left, place a cleaning sponge, and fasten again
- Connect the pump (9)
- Possible beverage residues and accumulation of grime are flushed out of the system
- After the sponge has passed 2 times switch the pump off

3.4 Chemo-mechanical full cleaning

- Prepare lye in a bucket and pay attention the the powder products completely dissolve (observe information of the cleansing agent manufacturer)
- Place and fasten the intake hose
- Connect the pump (9)
- Drain the fluid from the beverage conduct into the drain until cleaning fluid comes out
- Then place the drain hose (2) into the bucket
- Recirculate the sponge in alternating cycle for about 15 minutes (4)
- Briefly switching the pump (9) off during the recirculation intensifies the cleaning effect
- Switch the pump off (9) for terminating the cleaning process
- For basic cleaning use Bevi Liquid or Bevi Power Plus, for maintenance cleaning Bevi Power alkaline or acid

3.5 Re-rinsing

- For re-rinsing use a new sponge
- Remove the cleansing agent from the bucket and fill with fresh water
- Place the drain hose (2) into the drain
- Connect the pump (9)
- Recirculate the fresh water with the sponge for about 5 minutes (4)
- Switch the pump (9) off as soon as the sponge is visible in the adapter sight glass (5)
- Pay attention that the equipment is free from cleansing agent, check e.g. with pH indicator paper



3.6 Cleaning without pump (optional)

- Connect the equipment as described in 3.2
- Move the three-way cock (8) to the left and connect fresh water
- Detach the adapter sight glass (5) by slightly turning it to the left, place the cleaning sponge (observe the conduct diameter), and fasten again
- Open the water cock
- Close the water cock after the sponge has passed 2 times
- Possible beverage residues and accumulation of grime are flushed out of the system
- Detach the adapter sight glass, add to the sponge a Bevi Tab placing it flat, and fasten again
- Open the water cock
- When using Bevi Tab close the water cock after the cleansing agent and sponge are in the opposite adapter sight glass
- Let it act for 15 to 30 minutes
- Open the water cock and rinse sufficiently
- Switch the pump (9) off as soon as the sponge is visible in the adapter sight glass (5), and close the water cock
- Pay attention that the equipment is free from cleansing agent, check e.g. with pH indicator paper

4. Cleaning and Service

- Clean the intake hose sieve in regular intervals
- Decalcify the pump in regular intervals
- Disinfect inside and outside of the equipment in regular intervals, e. g. with Bevi Desinfect (Attention: do not use alcohol-containing agents)

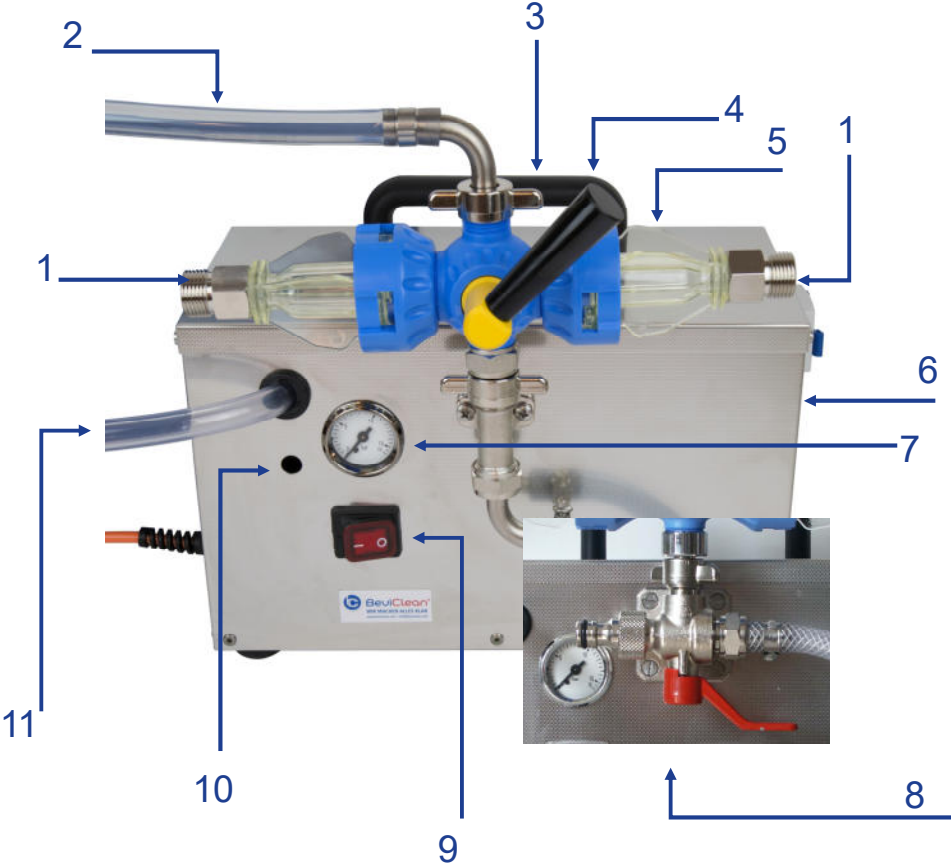


5. General Information

- During cleaning the pressure manometer (7) indicates the height of the backwater pressure (normally at approx. 1 to 4 bar, depending on conduct length and cross-section)
- Set the pressure regulating screw (10) on the pump to the desired value using a screwdriver (factory setting max. 5 bar)
- The equipment does not have a thermal circuit breaker switching off at overload
- Protect the equipment against temperatures below freezing point (risk of freezing and pump damage)
- In case of problems in the dispensing equipment (very contaminated conducts or stuck sponge) briefly increase the pressure to 14 bar
- Do only use customary cleansing agents (e.g. Bevi Power, Bevi Liquid)
- When operating the equipment properly the warranty for components is of 1 year



6. Illustration



7. Components

No.	Denomination
1	Line connection
2	Drain hose
3	Carry handle
4	Bevi Handy
5	Adapter sight glass
6	Earth leakage circuit breaker
7	Manometer
8	optional: Three-way cock
9	Switch ON/OFF
10	Pressure regulating screw
11	Intake hose with sieve

8. Spare Parts

Item No.	Component Bevi MiniMax 140
88240107	Motor 180 W, 230 V, 50 Hz
88240172	Pump 401, 14 bar
88240102	Manometer, 16 bar
88240161	Earth leakage circuit breaker, 30 ma
88010114	Conduct with underlayer of fabric 10/3
88240116	Screw-in socket, angle 3/8"
88110001	Handy for Minimax (incl. chrome-plated sight glasses & adapter)
88110101	Adapter Handy SK16.30 with sight glasses
88120116	Adapter sight glass, 10 mm
88120109	Adapter 5/8" IA, glossy chrome plating
88240136	<i>optional:</i> Three-way cock for fresh-water rinsing, 10 mm
88240127	Bow-type handle, foam coated
88240176	Conical handle Bevi Handy
88010104	Line 10 mm, length 2 m
88240147	electric cable, 6 m
88240111	Switch, 4 poles
88240222	Rubber sleeve
88240113	Equipment base / rubber buffer, black
88240175	Rubber plug IP 54
88120106	Gaskets, 38x3 mm
88240137	Sieve, 1/2"
88240159	Intake hose with sieve

9. Technical Information

- Item No.: 88,211,500
- Connection voltage: 230 V/50 Hz
- Power consumption: 187 W
- Main fuse: max. 16 A
- Speed: 1,500 min⁻²
- Pump capacity: up to 440 l/h
- Weight: 9 kg
- Measures: 300x320x260 mm (HxWxD)
- Self-priming rotary vane pump made of brass
- Continuous pressure regulation up to 14 bar
- V2A housing
- Integrated earth leakage circuit breaker



BeviClean strives for continuous improvement and reserves the right to up-date or change technical data without prior notice.



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