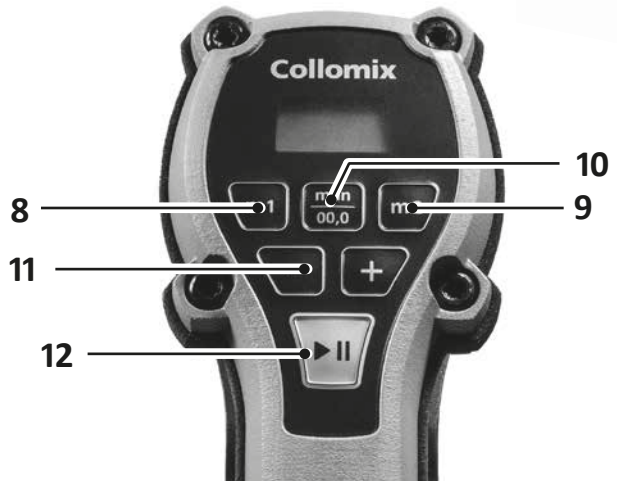




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Control elements

- 1 Display
- 2 Key field
- 3 Battery compartment
- 4 Connection thread 3/4" for hose coupling
- 5 Sieve insert
- 6 Retaining bracket
- 7 Water outlet
- 8 Storage tank for quantity 1
- 9 Storage tank for quantity 2
- 10 Manual dosing / zeroing
- 11 Setting the quantity + / -
- 12 Start button / pause

You have purchased the new AQiX water dosing system. Please note that this is a meter and it should be handled with care. These instructions contain important and useful information for how you should use the device. Please read the instructions carefully.

The numbers in the text relate to the overview on page 2.

Technical data

Measurable water quantity:	1 - 99 litres
Min. / max. operating pressure	2 - 6 bar
Device operating temperature	+ 5°C - + 50°C
Flow medium	Clear freshwater
Flow speed min. - max.	10 ltr/min - 25 ltr/min
Max. water temperature	+ 40°C
Accuracy	1-3 litre \pm 60 ml > 3 l \pm 2%
IP protection class	IP 64
Batteries	2 x AA/IEC LR6 1.5 V
Weight	688 grammes

Intended use

The Collomix AQiX water dosing system is intended for use by professionals or trained personnel on construction sites for the precise addition of water for mixing building chemical products (such as mortar, plaster, screed, concrete, fillers and the like).

It is used to precisely meter amounts of water.

The water dosing system may only be used with clear freshwater at a water temperature of up to 40°C.

The Collomix AQiX water dosing system is not designed for industrial use.

It is not permitted to use the meter with salt water, chemicals, foodstuffs, spirits, highly flammable and explosive substances as well as compressed air. Using these substances may destroy the device.

The operating temperature must be between +5°C and +50°C. Do not expose the device to direct sunlight for longer periods of time.

The water pressure in the line must be between at least 2 and a maximum of 6 bar so that the device works flawlessly.

Please note that this device is not a calibrated meter. Fluctuations can be caused by factors such as varying water pressure, etc.

Safety information

⚠ WARNING: Read all safety information and instructions. Failure to observe the safety information and instructions may result in injuries or damage to the device.

Store these instructions for the future.

The device may only be used by persons familiar with the operating instructions and the applicable regulations regarding occupational safety and accident prevention.

For safety reasons, children and adolescents under the age of 16 as well as persons who have not familiarised themselves with this operating manual may not use this product.

Persons with restricted physical or mental abilities may only use the product if supervised or instructed by a competent person.

Children must be supervised in order to ensure that they do not play with the product.

Never use the device if you are tired or ill or under the influence of alcohol, drugs or medication.

ATTENTION!

Do not use in freezing conditions. Freezing water will destroy the device.

Only connect the supply hose to the provided connection, not to the water outlet!

Not intended to be used with the suitable hose couplings with 3/4" thread.

Avoid tensile loads: Do not pull at the connected hose.

Assembly/commissioning

The AQiX water dosing system is set to the unit of “litres” ex works.

The device is delivered with a standard ½” hose connection. This can be unscrewed and replaced with a different tap connection, such as with a bayonet coupling.

Standard hose couplings with 1/2” or 3/4” hose connection can be used as a quick-release or bayonet coupling.



Connect the water hose to the meter. The water hose may not be pressurised.

Only connect the hose to the hose coupling. No hose may be connected to the water outlet (7).



IMPORTANT: venting

After every connection made to the water hose, first make sure that the air can escape from the device.

- Press the “START/PAUSE” (12) button to switch on the device.
- Set the display to “0” with the “0.00 - Man.” (10) button.
- Keep holding the “START/PAUSE” (12) button until the water flows out without any interruption.

Operation

Switching on the device:

The AQiX water dosing system is switched on using the “START/PAUSE” (12) button. The unit first appears in the display and then the last set quantity.

Setting the metering quantity

Adjust the metering quantity using both keys (11) “+” and “-”. The water quantity can be set in increments of 0.1 litres. Keep the button depressed to advance quickly.

Start dosing:

Press the “START/PAUSE” (12) button to start the metering.

You can interrupt the metering process. Press the “START/PAUSE” button to do this. Pressing the button again starts the metering process where it was interrupted.

Storing a metering quantity

Frequently used metering quantities can be saved by pressing the “M1” / “M2” (8+9) buttons. Set the desired quantity value with the “+” and “-” button. Then hold “M1” / “M2” for 2 seconds until the value in the display flashes. Press “M1” / “M2” to call up the stored value. It will appear in the display.

Manual metering:

Press the “Man/0.00” button (10). Then press “START/PAUSE” (12). The water will run for as long as you hold down the button. The dispensed quantity of water is shown in the display.

Converting the unit of measure:

The water dosing system can be used with three different units of measure: Litres, quarts and US gallons.

To switch between them, hold the “Man/0.00” button for 5 seconds until 0__ appears in the display. Set the desired number for the respective unit of measure using “+” and “-”. Confirm each digit with the “START/PAUSE” button. Finally press Play twice. The device switches off and changes the mode.

Value 100 = litres | 200 = quarts | 300 = gallons

You can hold the device in your hand for metering or hang it on the mixing bucket or on the mixing bucket of a mixer.

The device is hung between the water outlet (7) and the retaining bracket (6)



Hanging on a bucket



Manual operation



Mounting on a mixer drum

Decommissioning

Turn off the water supply at the water tap.

Completely empty the device and press the "START/PAUSE" button.

Disconnect the water hose. Shake out the AQiX.

The product must be stored so it cannot be accessed by children.

Store the water dosing system in a dry, closed and frost-proof location, ideally in the case it comes in.

Electric power supply

The device is operated by two AA batteries.

For safety reasons, only 2 x AA / IEC LR6 1.5V batteries (alkaline manganese) may be used.

IMPORTANT!

The device may not be operated with rechargeable AA batteries.

Disposal - according to EU directive 2002/96/EC

Do not dispose of electronic items together with household waste.

The device, batteries and packaging should be introduced into an environmentally friendly recycling system.

IMPORTANT! Dispose of the product through your local recycling collection point

Battery disposal:



Return used batteries to the point of sale or dispose of them through your local waste disposal point. Only dispose of the battery in the discharged state.

Warranty

The manufacturer offers a product warranty within the scope of the delivery terms and in accordance with legal/country-specific regulations. Please include your payment receipt or delivery note with any warranty claims.

Please return the device to us if you detect any irregularities. Complaints/claims can only be considered if the device is delivered to the Collomix Service department in a complete and undismantled state.

Any damage resulting from normal wear, overload, improper handling, non-approved accessories or insufficient maintenance shall be exempt from the warranty.

Any repairs carried out by third parties shall release us from any warranty obligation.

Any structural or functional changes to the device not authorised by us shall result in the invalidation of the warranty as well as the declaration of conformity.

Service address

In case of repair, please contact your dealer or country distributor. You can find this out via our website. www.collomix.com

Certificate of conformity


We hereby declare on our sole authority that this product complies with the following standards or normative products:

EN 61000-6-3:2011 according to the provisions of the directives 2014/30/EU, 2011/65/EU (RoHS).




Gaimersheim, 2019-09-18
Alexander Essing
Management

Technical documentation to be requested from:
Collomix GmbH
Technical Development Department
Daimlerstr. 9, 85080 Gaimersheim, Germany

Care and maintenance

Clean equipment:	<p>Keep the device clean and remove any dirt immediately.</p> <p>Clean the device with a damp cloth and a mild cleaning detergent (soap). Do not use any cleaning agents containing solvents.</p>
Changing the batteries: 	<p>To change the batteries, open the battery compartment (3) cover using a screwdriver. Remove the old batteries.</p> <p>Insert the new batteries (AA) in the battery compartment according to the labelling.</p> <p>Remove the rubber seal from the cover and clean it. Do not damage the seal. We recommend lubricating the seal with silicone grease.</p> <p>Reinsert the rubber seal into the groove of the cover, ensuring the seal fits exactly.</p> <p>Before screwing the cover back on, make sure that the rubber seal is not crushed. You can tell that a seal is not properly seated as the gap in the cover is not parallel.</p> <p>Place the cover so that it is level and screw it back into place with the 3 screws.</p> <p>If the seals are not inserted correctly, this may impair the leak-tightness of the device. Do not reuse damaged seals.</p>
Replacing the hose connection:	<p>Loosen by turning counter-clockwise</p> <p>Place the new hose coupling with seal on the thread and tighten in the clockwise direction.</p>
Cleaning the screen:	<p>There is a particulate screen in the water supply (5) that holds back larger particles in the supply water. It is recommended to clean the screen from time to time.</p> <p>Unscrew the hose connection as described above.</p> <p>Use pliers to grab the screen at the protruding screen clip and pull it out.</p> <p>Clean the screen under flowing water and re-insert it.</p> <p>Screw the hose connection back on.</p>
Back-flushing:	<p>There is also a screen before the water outlet (7). If the amount of water decreases significantly, this needs to be cleaned.</p> <p>The hose must be connected to the water outlet only for this reason and this reason only. At the same time, the second screen at the water supply (5) must be removed (see above). Then flush the device backwards to remove the deposits.</p> <p>Then disconnect the hose and re-insert the screen at the water supply.</p>

Faults - Troubleshooting

Notification in the display	Description	Rectification
	<p>BAT notification in the display area visualizes that the battery is empty</p>	<p>Change the batteries</p>
	<p>Display of a circumferential line visualizes that there is no water in the device</p>	<ul style="list-style-type: none"> • Ensure a water supply to the device • Check whether the device inlet is dirty and remove any dirt if necessary
	<p>No notification in display after pressing the "START/PAUSE" button</p>	<ul style="list-style-type: none"> • Change the batteries • If there is still no notification after changing the batteries, then send in the device for repair