CERAPLUS ELECTRONIC MIXERS
TOTAL ELEGANCE AND SAFETY
Shapely elegance and a maximum level of safety and hygiene – these are the attributes that distinguish the new CeraPlus electronic mixers. The new line is a result of our consistent orientation towards critical areas of hygiene.

The CeraPlus line sets standards regarding hygiene in this segment. The innovative Ideal Blue® Technology prevents floating of lead and nickel traces in the water by a pipeline, decoupled from the brass body of the mixers which at the same time reduces the retention of large water quantity in the spout. A special aerator, built-in as a standard feature, limits the water consumption to a 5l/min flow rate and minimizes the appearance of aerosol spraying.

The activation and control of the CeraPlus electronic mixers line is executed via a comfortable infrared control servicing module. We can activate various functions in several phases through the infrared remote control, such as hygienic flushing, cleaning module, or a constant functioning module for thermo-disinfection.

The CeraPlus built-in basin and shower thermostatic mixers are fitted with an integrated system to prevent scalding. The version without temperature control offers additional functionality for thermo-disinfection.

The design was created by studio ARTEFAKT, founded in 1989 by Achim Pohl and Thomas Fiegl.
IDEALBLUE® TECHNOLOGY – THE OUTSTANDING PLUS FOR THE PERFECT QUALITY OF DRINKING WATER

HYGIENIC

Lead- and nickel-free, reduction of stagnated water

No floating of metal traces in the drinking water. The water never gets into contact with the fittings body but is conducted through isolated waterways.

Unused water quantity is reduced

The unused water quantity is very effectively reduced through the isolated waterways.

A laminar aerator - an effective barrier to aerosol sprays

Adjustable anti-stagnation flush

Permanent functioning of the thermo-disinfection module

Adjustable cleansing module

SUSTAINABLE

Water and energy savings

5l laminar aerator, auto-switch-off function

The mixer shuts down 1 second after the user leaves the sensor area.

SAFETY

Anti-scalding properties and vandal-proof features

Cool Body due to isolated waterways

Vandal-proof features

Laminar aerator

Safety switch-off after 55 seconds of functioning

INSTALLATION AND MAINTENANCE FRIENDLY

Easy installation, simple maintenance

Flexible connection hoses

EASY-FIX quick installation system

Battery - to enable easy replacement, the battery is located outside of the mixer.
**EASY THERMO-DISINFECTION PROCEDURE**

**BUILT-IN**

1. Remove locking screw (SW2)
2. Remove cover cap
3. Remove screw (SW2)
4. Remove cover cap holder
5. Attach multi-tool
6. Swing multi-tool 90° in order to achieve maximum hot water temperature
7. Enter into the remote control the desired duration of thermal disinfection.
8. Water flow starts immediately

**MICRO-THERMOSTATIC MIXER (BASIN MIXER)**

1. Remove cover cap
2. Attach multi-tool
3. Swing multi-tool 90° in order to achieve maximum hot water temperature

**THE IDEAL COMBINATION**

**VANDAL-PROOF HEAD SHOWER**

The CeraPlus vandal-proof head shower is created to be twist-safe. The flow rate can be selectively reduced to between 6 and 9 l/min.

**THE MICRO-THERMOSTATIC MIXER**

The micro-thermostatic mixer is always recommended in places where scalding must be prevented or we have to provide water flow with a prescribed temperature of the mixed water. By the added special key we can conduct thermo-disinfection.
Basin RIM mounted mixer with temp control

- Solenoid valve integrated in body
- Electronic sensor full basin functions
- Pre-mix handle with red and blue indices
- Flex.hoses G3/8" for water supply system connection
- Lead and nickel free waterways (BLUE technology)
- Aerator laminar 4.7 l/min
- Sensor cover for cleaning purposes
- EASY FIX system for installation

Product is only for use in high pressure systems (min. 0.5 bar)

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Basin RIM mounted spout without temp control

- Solenoid valve integrated in body
- Electronic sensor full basin functions
- Flex.hoses G3/8" for water supply system connection
- Lead and nickel free waterways (BLUE technology)
- Aerator laminar 4.7 l/min
- Sensor cover for cleaning purposes
- EASY FIX system for installation

Product is only for use in high pressure systems (min. 0.5 bar)
Suitable for connection with individual thermostat A3813NU or Micro thermostat A5776AA

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Basin wall mounted mixer with temp adjustment by handle

- Round metal escutcheon
- Tubular spout 150/230 mm
- Aerator Cache laminar 8 l/min
- Additional key for Cache aerator
- Temperature handle
- Thermostatic cartridge
- Solenoid valve integrated in body
- Multi functional built-in sensor
- Integrated non-return valves and meshes

Product is only for use in high pressure systems (min. 0.5 bar)
Not included:
EASY-BOX universal built-in KIT1 (A1000NU)
TECHNICAL SPECIFICATIONS

Basin wall mounted mixer with temp adjustment by tool

- Round metal escutcheon
- Tubular spout 150/230 mm
- Aerator Cache laminar 8 l/min
- Additional key for Cache aerator
- Thermostatic cartridge
- Solenoid valve integrated in body
- Multi functional built-in sensor
- Integrated non-return valves and meshes

Product is only for use in high pressure systems (min. 0.5 bar)
Not included:
EASY-BOX universal built-in KIT1 (A1000NU)
Tool for thermal disinfection (A860888NU)

Model | Ref.
--- | ---
Tubular spout 150 mm, kit 2 (6V lithium battery) | A6149AA
Tubular spout 150 mm, kit 2 (mains, cable length 2m) | A6150AA
Tubular spout 230 mm, kit 2 (6V lithium battery) | A6153AA
Tubular spout 230 mm, kit 2 (mains, cable length 2m) | A6154AA
EASY-BOX universal built-in KIT1 | A1000NU

Shower wall mounted mixer with temp adjustment by tool

- Round metal escutcheon
- Temperature handle
- Thermostatic cartridge
- Solenoid valve integrated in body
- Multi functional built-in sensor
- Integrated non-return valves and meshes

Product is only for use in high pressure systems (min. 0.5 bar)
Not included:
EASY-BOX universal built-in KIT1 (A1000NU)
Tool for thermal disinfection (A860888NU)

Model | Ref.
--- | ---
KIT 2 (6V lithium battery) | A6155AA
KIT 2 (mains, cable length 2m) | A6156AA
EASY-BOX universal built-in KIT1 | A1000NU

Shower wall mounted mixer with temp adjustment by handle

- Round metal escutcheon
- Tubular spout 150/230 mm
- Aerator Cache laminar 8 l/min
- Additional key for Cache aerator
- Thermostatic cartridge
- Solenoid valve integrated in body
- Multi functional built-in sensor
- Integrated non-return valves and meshes

Product is only for use in high pressure systems (min. 0.5 bar)
Not included:
EASY-BOX universal built-in KIT1 (A1000NU)
Tool for thermal disinfection (A860888NU)

Model | Ref.
--- | ---
KIT 2 (6V lithium battery) | A6157AA
KIT 2 (mains, cable length 2m) | A6158AA
EASY-BOX universal built-in KIT1 | A1000NU
<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
<th>Fixed pre-programmed parameters</th>
<th>Alterable pre-programmed parameters:</th>
<th>Scope</th>
<th>Time unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designation</td>
<td>Scope</td>
<td>Time unit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Factory programming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Cleansing</td>
<td>The sensor triggering function can be switched off for as long as it is needed to cleanse the basin or the mixer.</td>
<td></td>
<td>Off</td>
<td>6, 12, 24, 48, 72</td>
<td>Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15s</td>
<td>1...240</td>
<td>1s</td>
</tr>
<tr>
<td>2. Disinfection</td>
<td>Valve can be open for some time -&gt; thermo disinfection.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Diagnosis</td>
<td>Check which program is currently set.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Parameter</td>
<td>We can undertake the following settings here.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1. Hand washing</td>
<td>Water flows for as long as the sensor is triggered.</td>
<td>- 2-second after-function</td>
<td>4.1.1. Auto-flushing Off</td>
<td>6, 12, 24, 48, 72</td>
<td>Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>after the sensor is no longer triggered</td>
<td>4.1.2. Duration (auto flushing) 15s</td>
<td>1...240</td>
<td>1s</td>
</tr>
<tr>
<td>4.2. Auto-shut down</td>
<td>After triggering of the sensors the water continues flowing for the pre-programmed duration.</td>
<td>15s</td>
<td>4.2.1. Delayed comfort (duration of water flow after the triggering) 15s</td>
<td>1, 2, 3, 25, 7, 10, 15, 30, 60, 120, 240</td>
<td>Seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.2.2. Auto-flushing Off</td>
<td>6, 12, 24, 48, 72</td>
<td>Hours</td>
</tr>
<tr>
<td>4.3. ON/OFF</td>
<td>Sensor functions as First switch - ON Second switch - OFF (About DELAYED COMFORT there is a pre-programmed maximum flow duration which cannot be exceeded).</td>
<td></td>
<td>4.3.1. Delayed comfort (duration of water flow after the triggering) 15s</td>
<td>3, 25, 7, 10, 15, 30, 60, 120, 240</td>
<td>Seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.3.2. Auto-flushing Off</td>
<td>6, 12, 24, 48, 72</td>
<td>Hours</td>
</tr>
<tr>
<td>4.4. Urinal</td>
<td>Water flows after the sensor is no longer triggered, Sensor accepts trigger order 3 seconds after triggering (no triggering by walking by).</td>
<td>5 seconds after the sensor is no longer triggered, there follows an activation of the flushing.</td>
<td>4.4.1. Flushing (Duration) 8s 0,25...10</td>
<td>0.25s</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.4.2. Auto-flushing 24h 6, 12, 24,48, 72</td>
<td>Hours</td>
<td></td>
</tr>
<tr>
<td>4.5. Urinal + Pre-Flushing</td>
<td>After a 3-second delay after the triggering there follows pre-flushing, after that (as in 4.4) water flows, after the sensor is no longer triggered.</td>
<td>Sensor accepts a triggering order 3 seconds after triggering (no triggering by walking by) and flushes directly for 1.5 – 5 seconds after the sensor is no longer triggered, there follows the activation of the flushing.</td>
<td>4.5.1. Flushing (Duration) 8s 0,25...10</td>
<td>0.25s</td>
<td></td>
</tr>
</tbody>
</table>
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