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BROEN-LAB UniFlex™ PREMIUM line offers a very high quality and durability combined with the complete program, which adds up to low LCC (Life Cycle Costs). Our PREMIUM line takes the standards in the market to a higher level.

**BROEN-LAB OFFERS**

- Safe and Simple Installation
- Complete Range – One Stop Shopping
- Just-In-Time Deliveries
- One Valve – More Connections
- Approved as a Complete System
- Fewer Connection Points
- Mix & Match - Build your Own Configuration
- Uniform Design / Dimensions
- Customization to Meet Customer Needs
- Double Sealing
- 100 % Testing
- BROEN-LAB POLYCOAT – Powder Coating

**CUSTOMER BENEFITS**

- MORE EFFICIENCY
- MORE PLUG & PLAY
- MORE CUSTOM-MADE
- MORE QUALITY

BROEN-LAB UniFlex™ PREMIUM fittings for water are designed for laboratory use. The operation and the configuration of the fittings are highly adapted to the requirements of a modern laboratory. The fittings are surface treated with BROEN-LAB POLYCOAT powder coating, which is highly resistant to most chemicals, UV fading and heat (for more information please refer to “BROEN-LAB POLYCOAT” brochure.)

Most water fittings are as standard delivered with a removable hose nozzle with a loose union nut which offers quick and effortless assembly and disassembly when a hose has been fixed to the nozzle.

As an option it is possible to get water fittings with integrated check valve, which prevent backflow.

BROEN-LAB UniFlex™ PREMIUM fittings for water incorporate a BALLOFIX® ball valve (where relevant), which offers a number of advantages such as local shut-off (e.g. in connection with product service) and pre-setting for experimental purposes.

**THIS IS BROEN-LAB UNIFLEX™**

BROEN-LAB UniFlex™ is a unique and patented connection, which allows customers to choose from various connection methods, such as hoses, Cu, PEX of Stainless Steel pipes, without changing the valve itself. It provides unique flexibility, not only for the installer, but also for the end-user. Due to the flexibility of the system, the quick installation and savings on fittings, this system offers lower TIC (Total Installed Costs).
PRODUCT OVERVIEW

- Metal handle
- Ceramic headwork
- Check valve (optional)
- Aerator, anti-splash nozzle
- Removable metal nozzle
- Fixed metal nozzle
- Wrist action lever
- UniFlex™ female
- UniFlex™ male
- M30 x 1.5 x 60mm
- 1/2"NPT
- UniFlex™ female
- Standard length 300mm

BROEN-LAB UNIFLEX™ HOSES

- OD 10mm code “B”
- OD 15mm code “H”
- G3/8 code “D”
- G1/2 code “E”

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

WWW.BROEN-LAB.COM
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Spout:** Full swivel action

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 1.4 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, PTFE, SPX (hose)

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- fixed spout
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

---

**Media** | **S = 150mm** | **S = 200mm** | **S = 250mm** | **S = 300mm**
---|---|---|---|---
Potable water, cold | 2534 001 1001-52B | 2534 002 1001-52B | 2534 017 1001-52B | 2534 016 1001-52B
Non-potable water, cold | 2534 001 1007-52B | 2534 002 1007-52B | 2534 017 1007-52B | 2534 016 1007-52B

---

**Media** | **S = 150mm** | **S = 200mm** | **S = 250mm** | **S = 300mm**
---|---|---|---|---
Potable water, cold | 2534 015 1001-52B | 2534 018 1001-52B | 2534 050 1001-52B | 2534 051 1001-52B
Non-potable water, cold | 2534 015 1007-52B | 2534 018 1007-52B | 2534 050 1007-52B | 2534 051 1007-52B

---

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 1.5 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, SPX (hose)

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al$_2$O$_3$ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

---

**Media**

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2533 062 1001-52B</td>
<td>2533 024 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2533 062 1007-52B</td>
<td>2533 024 1007-52B</td>
</tr>
</tbody>
</table>

---

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN LAB representative.
TWO VALVE BENCH MOUNTED FITTINGS
ON A U-SHAPED COLUMN

SPECIFICATIONS

The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2.5 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: POM, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN LAB representative.
TWO VALVE BENCH MOUNTED FITTINGS
ON A TEE-SHAPED COLUMN

SPECIFICATIONS

The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2.3 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: POM, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

Media | S = 300mm | S = 400mm
--- | --- | ---
Potable water, cold | 2533 072 1001-52B | 2533 074 1001-52B
Non-potable water, cold | 2533 072 1007-52B | 2533 074 1007-52B

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN LAB representative.
**BENCH MOUNTED FITTINGS ON A COLUMN WITH SWIVEL SPOUT**

**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Spout:** Full swivel action

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 2 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, PTFE, SPX (hose)

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- wrist action lever
- integrated non-return valve
- other standouts (S):
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

### Media

<table>
<thead>
<tr>
<th>S = 150mm</th>
<th>S = 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potable water, cold</strong></td>
<td>2533 076 1001-52B</td>
</tr>
<tr>
<td><strong>Non-potable water, cold</strong></td>
<td>2533 077 1001-52B</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
THREE VALVE BENCH MOUNTED FITTINGS

SPECIFICATIONS

The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Spout: Full swivel action

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 3 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: POM, PTFE, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

Solder: DIN L-Ag55:Sn

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

Media

<table>
<thead>
<tr>
<th>S = 150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
</tr>
</tbody>
</table>

Model: Metal handle

With metal handles

With wrist action levers (shown in CLOSED position)

Model: Wrist action lever (right turn closing)

Media

<table>
<thead>
<tr>
<th>S = 150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
WALL MOUNTED FITTINGS WITH LEAD-IN

SPECIFICATIONS
The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2.3 kg

MATERIALS WITH MEDIA CONTACT
Metals: Brass
Plastics: POM, SPX (hose)
Sealing: EPDM
Lubricant: Silicone based
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION
For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- angle valve with 45° hose nozzle
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

Media | S = 75mm | S = 150mm | S = 200mm
-------|----------|----------|-----------
Potable water, cold | 2530 335 1001-52B | 2533 080 1001-52B | 2533 082 1001-52B
Non-potable water, cold | 2530 335 1007-52B | 2533 081 1007-52B | 2533 083 1007-52B

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
WALL MOUNTED FITTINGS WITH SWIVEL U-SPOUT WITH LEAD-IN

SPECIFICATIONS

The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180°

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2.5 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: POM, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- integrated check valve to prevent backflow
- fixed hose nozzle
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**WALL MOUNTED FITTING WITH SWIVEL S-SPOUT WITH LEAD-IN**

**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

- **Handle**: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792
- **Hose nozzle**: Removable metal
- **Headwork**: Ceramic
- **Opening/closing function**: 180°
- **Temperature range**: 0-90°C
- **Max. working pressure**: 10 bar / 147 psi
- **Test pressure**: 1 x working pressure
- **Weight**: 2.5 kg

**MATERIALS WITH MEDIA CONTACT**

- **Metals**: Brass
- **Plastics**: POM, SPX (hose)
- **Sealing**: EPDM
- **Lubricant**: Silicone based
- **Ceramics**: Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- integrated check valve to prevent backflow
- fixed hose nozzle
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

**Model: Metal handle**

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 406 1001-52B</td>
<td>2530 407 1001-52B</td>
<td>2530 408 1001-52B</td>
<td>2530 409 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 406 1007-52B</td>
<td>2530 407 1007-52B</td>
<td>2530 408 1007-52B</td>
<td>2530 409 1007-52B</td>
</tr>
</tbody>
</table>

**Model: Wrist action lever (right turn closing)**

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 410 1001-52B</td>
<td>2530 411 1001-52B</td>
<td>2530 412 1001-52B</td>
<td>2530 413 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 410 1007-52B</td>
<td>2530 411 1007-52B</td>
<td>2530 412 1007-52B</td>
<td>2530 413 1007-52B</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 2.3 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, SPX (hose)

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- angle valve with 45° hose nozzle
- other installation options:
  - flange
  - straight rear wall connection
  - wall thickness 20-40mm
  - additional support in case of a thin panel

**Delivered with 90° rear wall connection (max wall thickness 20mm).**

For possible inlet connections please refer to pages 30-31 or contact your BROEN-LAB representative.
WALL MOUNTED ANGLE FITTING WITH SWIVEL U-SPOUT WITH REAR WALL CONNECTION (RWC)

SPECIFICATIONS
The fitting is delivered with an integrated BALLOFIX® ball valve.

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2.3 kg

MATERIALS WITH MEDIA CONTACT
Metals: Brass

Plastics: POM, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

ORDERING INFORMATION
For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- S-spout
- national approvals

Delivered with 90° rear wall connection (max wall thickness 20mm). For possible inlet connections please refer to pages 30-31 or contact your BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 2.3 kg

**MATERIALS WITH MEDIA CONTACT**

- **Metals:** Brass
- **Plastics:** POM
- **Sealing:** EPDM
- **Lubricant:** Silicone based
- **Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve

---

**Model:** Metal handle

<table>
<thead>
<tr>
<th>Media</th>
<th>without WFS</th>
<th>with WFS for exposed piping</th>
<th>with WFS for built-in installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 172 1001</td>
<td>2530 280 1001-T*</td>
<td>2530 255 1001-T</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 172 1007</td>
<td>2530 280 1007-T</td>
<td>2530 255 1007-T</td>
</tr>
</tbody>
</table>

*Delivered with wall flange socket and compression ring fitting for OD10mm Cu-pipe. For other options please refer to pages 30-31 or contact your local BROEN-LAB representative.

---

**Model:** Wrist action lever (right turn closing)

<table>
<thead>
<tr>
<th>Media</th>
<th>without WFS</th>
<th>with WFS for exposed piping</th>
<th>with WFS for built-in installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 383 1001</td>
<td>2533 285 1001-T</td>
<td>2533 384 1001-T</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 383 1007</td>
<td>2533 285 1007-T</td>
<td>2533 384 1007-T</td>
</tr>
</tbody>
</table>

*Delivered with wall flange socket and compression ring fitting for OD10mm Cu-pipe. For other options please refer to pages 30-31 or contact your local BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180°

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 2.5 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, SPX (hose)

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals

**Media**

<table>
<thead>
<tr>
<th>Media</th>
<th>Without check valve</th>
<th>With check valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2532 160 1001-52B</td>
<td>2532 162 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2532 160 1007-52B</td>
<td>2532 162 1007-52B</td>
</tr>
</tbody>
</table>

**Model:** Metal handle

**Model:** Wrist action lever (right turn closing)

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
SPECIFICATIONS

The fitting is delivered with an integrated BALLOFIX® ball valve.
Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792
Hose nozzle: Removable metal
Headwork: Ceramic
Opening/closing function: 180° (wrist action lever: 90°)
Temperature range: 0-90°C
Max. working pressure: 10 bar / 147 psi
Test pressure: 1 x working pressure
Weight: 2.3 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass
Plastics: POM, SPX (hose)
Sealing: EPDM
Lubricant: Silicone based
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.
Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- angle valve with 45° hose nozzle
- flange
- straight rear wall connection
- wall thickness 20-40mm
- additional support in case of a thin panel

Media | Without check valve | With check valve
---|---|---
Potable water, cold | 2532 209 1001-40 | 2532 210 1001-40
Non-potable water, cold | 2532 209 1007-40 | 2532 210 1007-40

Delivered with 90° rear wall connection (max wall thickness 20mm). For possible inlet connections please refer to pages 30-31 or contact your BROEN-LAB representative.

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 2.3 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve

**Model:** Metal handle

<table>
<thead>
<tr>
<th>Media</th>
<th>without WFS</th>
<th>with WFS for exposed piping</th>
<th>with WFS for built-in installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2532 155 1001</td>
<td>2532 179 1001-T</td>
<td>2532 111 1001-T</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2532 155 1007</td>
<td>2532 179 1007-T</td>
<td>2532 111 1007-T</td>
</tr>
</tbody>
</table>

Delivered with wall flange socket and compression ring fitting for OD10mm Cu-pipe. For other options please refer to pages 30-31 or contact your local BROEN-LAB representative.

**Model:** Wrist action lever (right turn closing)

<table>
<thead>
<tr>
<th>Media</th>
<th>without WFS</th>
<th>with WFS for exposed piping</th>
<th>with WFS for built-in installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2532 215 1001</td>
<td>2532 176 1001-T</td>
<td>2532 216 1001-T</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2532 215 1007</td>
<td>2532 176 1007-T</td>
<td>2532 216 1007-T</td>
</tr>
</tbody>
</table>

Delivered with wall flange socket and compression ring fitting for OD10mm Cu-pipe. For other options please refer to pages 30-31 or contact your local BROEN-LAB representative.
**SUSPENDED 2-VALVE FITTING**

**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

- **Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792
- **Hose nozzle:** Removable metal
- **Headwork:** Ceramic
- **Opening/closing function:** 180°
- **Temperature range:** 0-90°C
- **Max. working pressure:** 10 bar / 147 psi
- **Test pressure:** 1 x working pressure
- **Weight:** 2.5 kg

**MATERIALS WITH MEDIA CONTACT**

- **Metals:** Brass
- **Plastics:** POM, SPX (hose)
- **Sealing:** EPDM
- **Lubricant:** Silicone based
- **Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- fixed hose nozzle
- flow restrictor (5 l/min)
- wrist action levers
- models with single valve, 2 valves 90° and 4 valves
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals

### Media 2 valves 180°

<table>
<thead>
<tr>
<th>Media</th>
<th>2 valves 180°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 047 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 047 1007-52B</td>
</tr>
</tbody>
</table>

### Media 2 valves 180°

<table>
<thead>
<tr>
<th>Media</th>
<th>2 valves 180°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold</td>
<td>2530 373 1001-52B</td>
</tr>
<tr>
<td>Non-potable water, cold</td>
<td>2530 373 1007-52B</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
TWO HANDLE BENCH MOUNTED ONE HOLE MIXER WITH SWIVEL SPOUT

SPECFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Spout: Full swivel action

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.8 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: POM, PTFE, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- fixed hose nozzle
- integrated non-return valve
- fixed spout
- alternative hose inlet connection / without a hose
- OD 10mm Cu pipes
- other inlet options
- national approvals

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**SPECFICATIONS**

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated  
**Spout:** 110° limited swivel action  
**Hose nozzle:** Removable plastic (aerator included)  
**Cartridge:** Ceramic (temperature and flow regulation type)  
**Opening/closing function:** 25°, mixing function: ±45°  
**Temperature range:** 0°C - 65°C  
**Max. working pressure:** 10 bar / 147 psi  
**Weight:** 2.8 kg

**MATERIAls WITH MEDIA CONTACT**

**Metals:** Brass  
**Plastics:** PP, POM, PTFE, SPX (hose)  
**Sealing:** EPDM  
**Lubricant:** Silicone based  
**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.  
Other options:  
- no swivel action  
- full swivel action

---

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>S = 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Handle</td>
<td>G350328135</td>
</tr>
<tr>
<td>Long Handle</td>
<td>G350318135</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
SINGLE HANDLE MIXER BENCH MOUNTED

SPECIFICATIONS
Handle: Metal, BROEN-LAB POLYCOAT powder coated
Spout: Swivel action
Hose nozzle: Aerator
Cartridge: Ceramic (temperature and flow regulation type)
Opening/closing function: 25°, mixing function: ±45°
Temperature range: 0°C - 90°C
Max. working pressure: 10 bar / 147 psi
Test pressure: 1 x working pressure
Weight: 2.4 kg

MATERIALS WITH MEDIA CONTACT
Metals: Brass
Plastics: POM, PTFE, SPX (hose)
Sealing: EPDM
Lubricant: Silicone based
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION
For standard configuration please refer to the item numbers below.
Other options:
- integrated non-return valve
- removable and fixed hose nozzles
- flow restrictor (5 l/min
- alternative hose inlet connections
- OD 10mm Cu pipes

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
SINGLE HANDLE MIXER BENCH MOUNTED WITH HAND SHOWER

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated  
Spout: Swivel action  
Hose nozzle: Aerator  
Cartridge: Ceramic (temperature and flow regulation type)  
Opening/closing function: 25°, mixing function: ±45°  
Temperature range: 0°C - 90°C  
Max. working pressure: 10 bar / 147 psi  
Test pressure: 1 x working pressure  
Weight: 3.0 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass  
Plastics: POM, PTFE, SPX (hose), ABS  
Sealing: EPDM  
Lubricant: Silicone based  
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.  
Other options:  
- integrated non-return valve  
- removable and fixed hose nozzles  
- flow restrictor (5 l/min)

<table>
<thead>
<tr>
<th>Model</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2535 042 1035-52C</td>
<td>2535 043 1035-52C</td>
<td>2535 044 1035-52C</td>
<td>2535 045 1035-52C</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

WWW.BROEN-LAB.COM
ONE HANDLE TWO HOLE MIXER WITH SWIVEL SPOUT

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated
Spout: Swivel action
Hose nozzle: Aerator
Cartridge: Ceramic (temperature and flow regulation type)
Opening/closing function: 25°, mixing function: ±45°
Temperature range: 0°C - 90°C
Max. working pressure: 10 bar / 147 psi
Test pressure: 1 x working pressure
Inlets: Eccentric couplings with male G1/2
Weight: 1.5 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass
Plastics: POM, PTFE, SPX (hose)
Sealing: EPDM
Lubricant: Silicone based
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.
Other options:
- removable hose nozzle
- bench mounted model
- different inlet connections
  (with BROEN-LAB UniFlex™ rear wall connection, lead-in. etc)

With long handle

With short handle

Media: 🟠

<table>
<thead>
<tr>
<th>Model</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Handle</td>
<td>2535 010 1035</td>
<td>2535 004 1035</td>
<td>2535 016 1035</td>
</tr>
<tr>
<td>Long Handle</td>
<td>2535 007 1035</td>
<td>2535 001 1035</td>
<td>2535 013 1035</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**SPECIFICATIONS**

The fitting is delivered with an integrated BALLOFIX® ball valve.

**Handle:** Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

**Spout:** Full swivel action

**Hose nozzle:** Removable metal

**Headwork:** Ceramic

**Opening/closing function:** 180° (wrist action lever: 90°)

**Temperature range:** 0-90°C

**Max. working pressure:** 10 bar / 147 psi

**Test pressure:** 1 x working pressure

**Weight:** 1.8 kg

**MATERIALS WITH MEDIA CONTACT**

**Metals:** Brass

**Plastics:** POM, PTFE

**Sealing:** EPDM

**Lubricant:** Silicone based

**Ceramics:** Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- other standouts (250mm, 300mm)
- S-spout
- integrated check valve
- other inlet lengths and options

For further information please contact your local BROEN LAB representative.

---

**Media**

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable, cold/hot</td>
<td>2536 097 1039-52B</td>
<td>2536 061 1039-52B</td>
</tr>
<tr>
<td>Non-potable, cold/hot</td>
<td>2536 097 1040-52B</td>
<td>2536 061 1040-52B</td>
</tr>
</tbody>
</table>

---

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
WALL MOUNTED 2-HOLE 2-HANDLE MIXER WITH SWIVEL SPOUT

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792
Spout: Full swivel action
Hose nozzle: Removable metal
Headwork: Ceramic
Opening/closing function: 180° (wrist action lever: 90°)
Temperature range: 0-90°C
Max. working pressure: 10 bar / 147 psi
Test pressure: 1 x working pressure
Weight: 1.8 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass
Plastics: POM, PTFE
Sealing: EPDM
Lubricant: Silicone based
Ceramics: Al₂O₃ 96%

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.
Other options:
- aerator
- flow restrictor (5 l/min)
- integrated check valve
- S-spool
- other inlet lengths and options (RWC, eccentric, etc.)
- other options for hose inlet connections

For further information please contact your local BROEN-LAB representative.

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold/hot</td>
<td>2536 128 1039-52B</td>
<td>2536 129 1039-52B</td>
<td>2536 130 1039-52B</td>
<td>2536 131 1039-52B</td>
</tr>
<tr>
<td>Non-potable water, cold/hot</td>
<td>2536 128 1040-52B</td>
<td>2536 129 1040-52B</td>
<td>2536 130 1040-52B</td>
<td>2536 131 1040-52B</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
**BENCH MOUNTED 2-HOLE 2-HANDLE MIXER WITH SWIVEL SPOUT**

**SPECIFICATIONS**

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Spout: Full swivel action

Hose nozzle: Removable metal

Headwork: Ceramic

Opening/closing function: 180° (wrist action lever: 90°)

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.8 kg

**MATERIALS WITH MEDIA CONTACT**

Metals: Brass

Plastics: POM, PTFE

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96%

**ORDERING INFORMATION**

For standard configuration please refer to the item numbers below.

Other options:
- aerator
- flow restrictor (5 l/min)
- integrated check valve
- S-spout
- other inlet lengths and options

For further information please contact your local BROEN-LAB representative.

---

**Model:** Metal handle

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold/hot</td>
<td>2536 120 1039-52B</td>
<td>2536 121 1039-52B</td>
<td>2536 122 1039-52B</td>
<td>2536 123 1039-52B</td>
</tr>
<tr>
<td>Non-potable water, cold/hot</td>
<td>2536 120 1040-52B</td>
<td>2536 121 1040-52B</td>
<td>2536 122 1040-52B</td>
<td>2536 123 1040-52B</td>
</tr>
</tbody>
</table>

**Model:** Wrist action levers

<table>
<thead>
<tr>
<th>Media</th>
<th>S = 150mm</th>
<th>S = 200mm</th>
<th>S = 250mm</th>
<th>S = 300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable water, cold/hot</td>
<td>2536 124 1039-52B</td>
<td>2536 125 1039-52B</td>
<td>2536 126 1039-52B</td>
<td>2536 127 1039-52B</td>
</tr>
<tr>
<td>Non-potable water, cold/hot</td>
<td>2536 124 1040-52B</td>
<td>2536 125 1040-52B</td>
<td>2536 126 1040-52B</td>
<td>2536 127 1040-52B</td>
</tr>
</tbody>
</table>

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.
BROEN-LAB offers BROEN-LAB UniFlex™ hoses as an easy way to make the installation in the laboratory where safety and efficiency are required. BROEN-LAB UniFlex™ hoses are the ideal solution where there is a higher requirement for flexibility. Installation with flexible hoses saves you time and labor - in other words reduced installation costs.

A wide range of fittings and lengths available for BROEN-LAB UniFlex™ hoses enables customers to choose the perfect hose for their application.

BROEN-LAB UniFlex™ hoses for water are manufactured of soft cross-linked polyethylene (SPX), which is approved for use with drinking water and meets all hygienic requirements. From the outside the hose is secured by a Stainless Steel braiding that ensures long service life and durability.

If you still prefer a standard way of installation with Cu, Stainless Steel, or PEX-pipes, BROEN-LAB offers a wide range of connection fittings and adaptors for pipes of different dimensions.

For more information, please contact your local BROEN-LAB representative, or refer to www.BROEN-LAB.com.
### INLET CONNECTIONS

93 V XX XX XXXX

- Male G3/8 fixed connection (Code 32)
- Male G1/2 fixed connection (Code 31)
- Male G3/4 fixed connection (Code 33)
- Female G3/8 union nut connection (Code 41)
- Female G1/2 union nut connection (Code 40)
- Female G3/4 union nut connection (Code 42)

**OD10mm connection for compression fittings (Code 10)**

**OD12mm connection for compression fittings (Code 12)**

**OD15mm connection for compression fittings (Code 15)**

**OD15mm connection for press fittings (Code 65)**

Straight BROEN-LAB UniFlex™ connection with EPDM O-ring (Code 20)

### OUTLET CONNECTIONS

93 V XX XX XXXX

- 45° BROEN-LAB UniFlex™ connection with EPDM O-ring (Code 25)
- 90° BROEN-LAB UniFlex™ connection with EPDM O-ring (Code 30)

**M10x1mm short connection with EPDM O-ring (Code 51)**

**PLEASE NOTE:**

M10 connections can only be used to mixer and multimedia fittings

*All O-rings are lubricated with silicone based lubricant

### HOSE

93 V XX XX XXXX

SPX hose with braiding in stainless steel

Marking for water with Part no. and Media indication

### HOSE LENGTHS

**Definition of length (L)**

- If 45° and 90° elbows occur on the same hose, it will as default be mounted in U-form

*Standard lengths of hoses (L):*

- 0500 = 500mm
- 0700 = 700mm
- 1000 = 1000mm
- 1200 = 1200mm
- 1500 = 1500mm
- 2000 = 2000mm
- 2500 = 2500mm
- 3000 = 3000mm

Length tolerance of hoses:

- L = 400mm (-0, +10mm)
- L = 401mm to 1000mm (-0, +20mm)
- L = >1000mm (-0, +30mm)

### SPECIFICATIONS

- **Inner hose material:** SPX (soft PEX)
- **Braiding:** Stainless steel with one green stripe
- **Materials with media contact:** SPX, brass, EPDM and silicone based lubricant
- **Sealing:** EPDM, Aramid fiber/NBR
- **Inside diameter:** 8.2mm
- **Outside diameter:** 12mm
- **Max. working pressure:** 10 bar
- **Max. working temperature:** 90°C
- **Bending radius (inner):** ≥ 40mm
- **Min. length with connections:** 160mm

### EXAMPLE OF HOSE CONFIGURATION

1200mm hose with OD 12mm inlet connection and straight UniFlex™ outlet connection

![93V12201200](image-url)
**SPECIFICATIONS**

BROEN-LAB UniFlex™ PREMIUM water fittings with metal handles are delivered with ceramic 180° turn headworks. Water fittings with ceramic headwork offer quick and precise adjustment and a long service life.

- **Opening/closing function:** 1 x 180° turn
- **Media:** Hot/cold water
- **Temperature range:** Maximum 90°C
- **Max. working pressure:** 10 bar / 147 psi
- **Test pressure:** 1 x working pressure

**MATERIALS WITH MEDIA CONTACT**

- **Metals:** Brass
- **Sealing:** EPDM
- **Plastics:** POM
- **Lubricant:** Silicone based
- **Ceramics:** Al-oxyd 96%

**ORDERING INFORMATION**

Ceramic headwork
No. 1976000

---

**SPECIFICATIONS**

BROEN-LAB UniFlex™ PREMIUM water fittings with wrist action lever are delivered with a ceramic 90° turn headwork.

- **Opening/closing function:** 90° turn
- **Media:** Hot/cold water
- **Temperature range:** Maximum 90°C
- **Max. working pressure:** 10 bar / 147 psi
- **Test pressure:** 1 x working pressure

**MATERIALS WITH MEDIA CONTACT**

- **Metals:** Brass
- **Sealing:** EPDM
- **Plastics:** POM
- **Lubricant:** Silicone based
- **Ceramics:** Al-oxyd 96%

**ORDERING INFORMATION**

- **LEFT TURN CLOSING**
  Ceramic headwork
  No. 1976400

- **RIGHT TURN CLOSING**
  Ceramic headwork
  No. 1976500
<table>
<thead>
<tr>
<th>Illustration</th>
<th>Description</th>
<th>BROEN-LAB item No.</th>
</tr>
</thead>
</table>
| ![Adaptor for aerator](image1.png) | Adaptor for aerator  
M19x1 - M22x1  
(G3/8A - M22x1)  
(fits 2534- and 2536-models)  
(fits angle valves and elder spouts) | 2539 005 1001  
2539 064 1001 |
| ![Aerator](image2.png) | Aerator  
Thread: female M22x1 | 2539 006 1001 |
| ![Aerator with integrated flow restrictor](image3.png) | Aerator with integrated flow restrictor  
5 l/min  
Thread: female M22x1 | 2539 045 1001 |
| ![Adaptor for removable metal nozzle](image4.png) | Adaptor for removable metal nozzle  
Thread: M19x1 - G1/2A  
(G3/8A - G1/2A)  
(fits 2534- and 2536-models)  
(fits angle valves and elder spouts) | 2539 007 1001  
2539 043 1001 |
| ![Adaptor with integrated flow restrictor](image5.png) | Adaptor with integrated flow restrictor  
5 l/min for removable metal nozzle  
Thread: M19x1 - G1/2A  
(G1/2A - G1/2A)  
(fits 2534- and 2536-models)  
(fits angle and straight valves as well as elder spouts) | 2539 044 1001  
2539 067 1001 |
| ![Removable metal nozzle](image6.png) | Removable metal nozzle  
Thread: female G1/2 | 2539 008 1001 |
| ![Fixed metal nozzle](image7.png) | Fixed metal nozzle  
Thread: male M19x1  
(G3/8)  
(fits 2534- and 2536-models)  
(fits angle valves and elder spouts) | 2539 009 1001  
2539 042 1001 |
| ![Mounting set for G1/2 connection](image8.png) | Mounting set for G1/2 connection | 19 141 000 |
| ![1/2”NPT inlet with female BROEN-LAB UniFlex™ connection](image9.png) | 1/2”NPT inlet with female BROEN-LAB UniFlex™ connection (incl. O-ring)  
L=30mm  
L=60mm  
L=90mm | 15 502 33V  
15 274 54V  
15 502 46V |
| ![Mounting set for M30x1,5 connection](image10.png) | Mounting set for M30x1,5 connection | 19 190 000 |
| ![Threaded inlet pipe M30x1,5](image11.png) | Threaded inlet pipe M30x1,5  
L=30mm  
L=60mm  
L=90mm | 19 190 03  
19 190 02  
19 190 04 |
<table>
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<tr>
<th>Illustration</th>
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<tbody>
<tr>
<td><img src="image" alt="Wall flange socket" /></td>
<td>Wall flange socket (for exposed piping)</td>
<td>02 101 30G</td>
</tr>
<tr>
<td><img src="image" alt="Wall flange socket" /></td>
<td>Wall flange socket (for built-in installation)</td>
<td>02 101 31</td>
</tr>
<tr>
<td><img src="image" alt="Cover flange" /></td>
<td>Cover flange for 02 101 31</td>
<td>14 923 04G</td>
</tr>
<tr>
<td><img src="image" alt="Metal handle" /></td>
<td>Metal handle with media indication according to EN 13792</td>
<td>191601491001 (WPC) 191601491002 (WPH) 191601491007 (WNC) 191601491008 (WNH)</td>
</tr>
<tr>
<td><img src="image" alt="Wrist action lever" /></td>
<td>Wrist action lever (handle only)</td>
<td>1916433G-5168 (green)</td>
</tr>
<tr>
<td><img src="image" alt="Water jet filter pump" /></td>
<td>Water jet filter pump (inlet: union nut G3/4, adapter to female G1/2 is included)</td>
<td>19 199 009</td>
</tr>
<tr>
<td><img src="image" alt="Flange" /></td>
<td>Flange (wall thickness 20-40mm)</td>
<td>1521057G</td>
</tr>
<tr>
<td><img src="image" alt="Flange" /></td>
<td>Flange (wall thickness 20-40mm)</td>
<td>1521178G</td>
</tr>
<tr>
<td><img src="image" alt="Nut" /></td>
<td>Nut (wall thickness 20-40mm)</td>
<td>1521054</td>
</tr>
<tr>
<td><img src="image" alt="Nut" /></td>
<td>Nut (max. wall thickness 20mm)</td>
<td>1521036</td>
</tr>
<tr>
<td><img src="image" alt="Connection" /></td>
<td>Straight rear wall connection</td>
<td>1521088</td>
</tr>
<tr>
<td><img src="image" alt="Connection" /></td>
<td>90° rear wall connection</td>
<td>1521052</td>
</tr>
<tr>
<td><img src="image" alt="Support" /></td>
<td>Backside support</td>
<td>1521092</td>
</tr>
</tbody>
</table>
Generally, item number for BROEN-LAB UniFlex™ fittings has the following structure:

- **BROEN-LAB Series no.**
- **Models**
  - 30 - Angle valves
  - 32 - Straight valves
  - 33 - Valves on a column
  - 34 - One handle water fittings
  - 35 - One handle mixers
  - 36 - Two handle mixers
- **Serial number**
- **25 XX XXX 10 XX - XX X**
- **Country code**
  - 10 - International
  - 30 - Japan
  - 80 - Denmark
  - 81 - Germany
  - 82 - UK
  - 83 - Benelux
  - 84 - Australia
- **Hose type**
  - blank - none
  - B - 0.7m with OD10mm
  - C - Cu-pipes
  - D - 0.7m with G3/8 union nut
  - E - 0.7m with G1/2 union nut
  - H - 0.7m with OD15mm
- **Inlet type**
  - 05 - 30mm, 1/2"NPT - BROEN-LAB UniFlex™
  - 14 - 60mm, 1/2"NPT - BROEN-LAB UniFlex™
  - 18 - 90mm, 1/2"NPT - BROEN-LAB UniFlex™
  - 02 - 30mm, G1/2-Ø14,7x6,4 (EN200 type C)
  - 08 - 60mm, G1/2-Ø14,7x6,4 (EN200 type C)
  - 17 - 90mm, G1/2-Ø14,7x6,4 (EN200 type C)
  - 40 - Rear Wall Connection (RWC)
  - 50 - 30mm, M30x1.5
  - 52 - 60mm, M30x1.5
  - 54 - 90mm, M30x1.5
- **Media code**
  - 01 - Water potable, cold (WPC)
  - 02 - Water potable, hot (WPH)
  - 07 - Water non-potable, cold (WNC)
  - 08 - Water non-potable, hot (WNH)
  - 35 - Tempered water (one handle mixer)
  - 39 - Water potable (WPC/WPH)
  - 40 - Water non-potable (WNC/WNH)

* For water some national standards may apply, therefore contact your BROEN-LAB representative for more information.
BROEN-LAB develops, manufactures and sells Laboratory Fittings, Emergency Shower Systems and Eye Wash Systems into a broad spectrum of laboratories and industrial locations; sectors include Pharmaceutical, Food&Beverage and Academia. Our expertise and product quality ensure optimal solutions compliant to all relevant international norms setting new standards in risk mitigation in modern research and development facilities.

BROEN-LAB offer solutions that ensure the functionality, compliance, hygiene, durability and safety are of the highest priority. For over 50 years our products have been integrated into a wide variety of workplaces, laboratories, hospitals and industrial locations, with features that are assessed and designed to be flexible, durable and compliant offering a broad range of options tailored to each location. This inherent design integrity provides confidence in the solution adopted wherever in the world these are applied.

BROEN-LAB is a collaboration partner in the design and layout of your next laboratory and it’s integrated safety solutions.

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BROEN-LAB A/S ISO 9001 certification
In September 1991 BROEN-LAB A/S was certified according to ISO 9001 as one of the first Danish companies. The certification was carried out by Bureau Veritas, Denmark, for our Danish site in Assens. The quality management system of BROEN-LAB A/S now complies with detailed specifications laid down by the internationally acknowledged EN ISO 9001:2008. This certification will further contribute to reputation for quality and reliability of BROEN-LAB A/S.