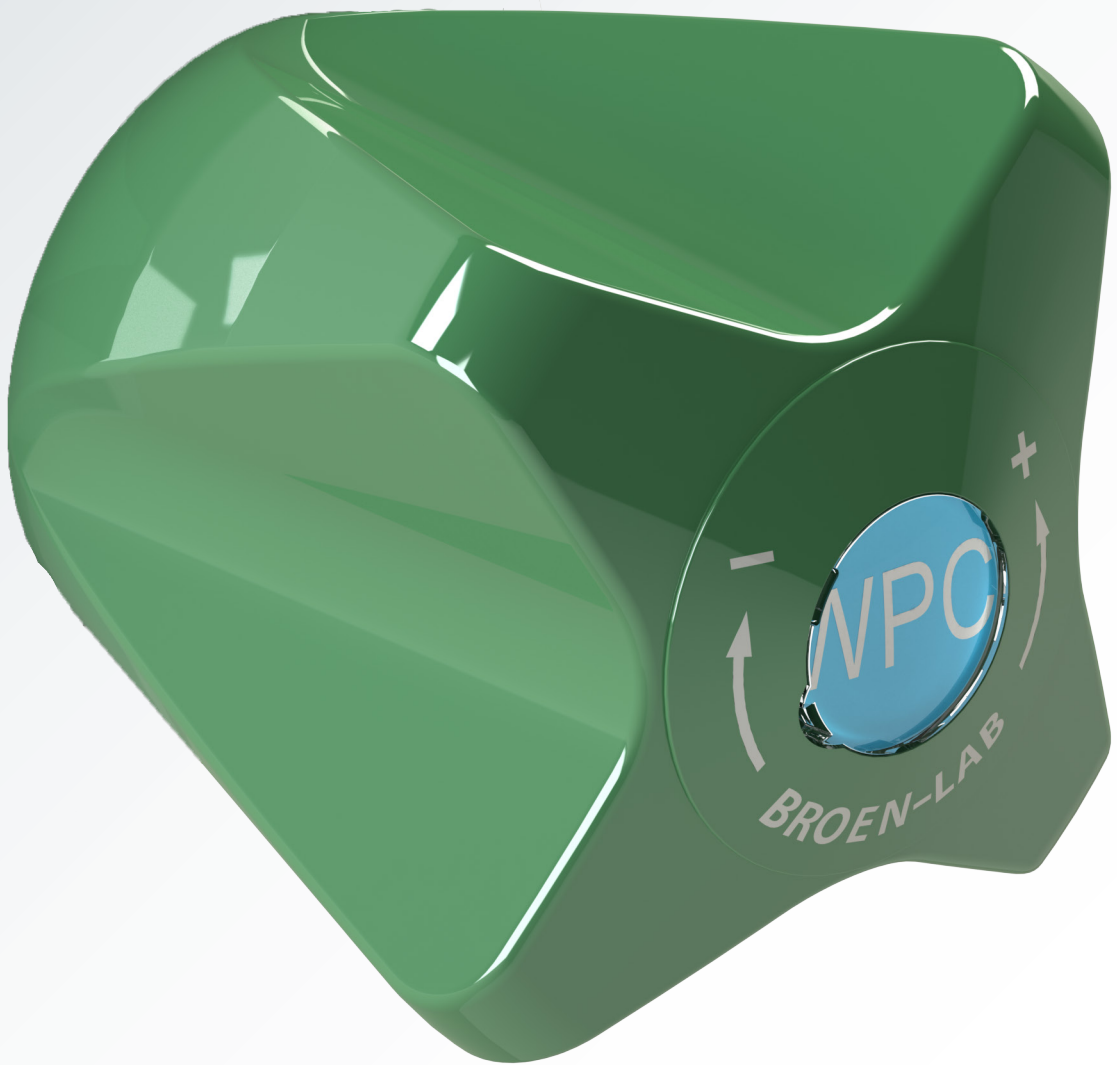


**BROEN-LAB
UNIFLEX™
FITTINGS
FOR WATER**

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER
















BROEN-LAB UNIFLEX™ FITTINGS FOR WATER



Polypropylene handle

BROEN-LAB

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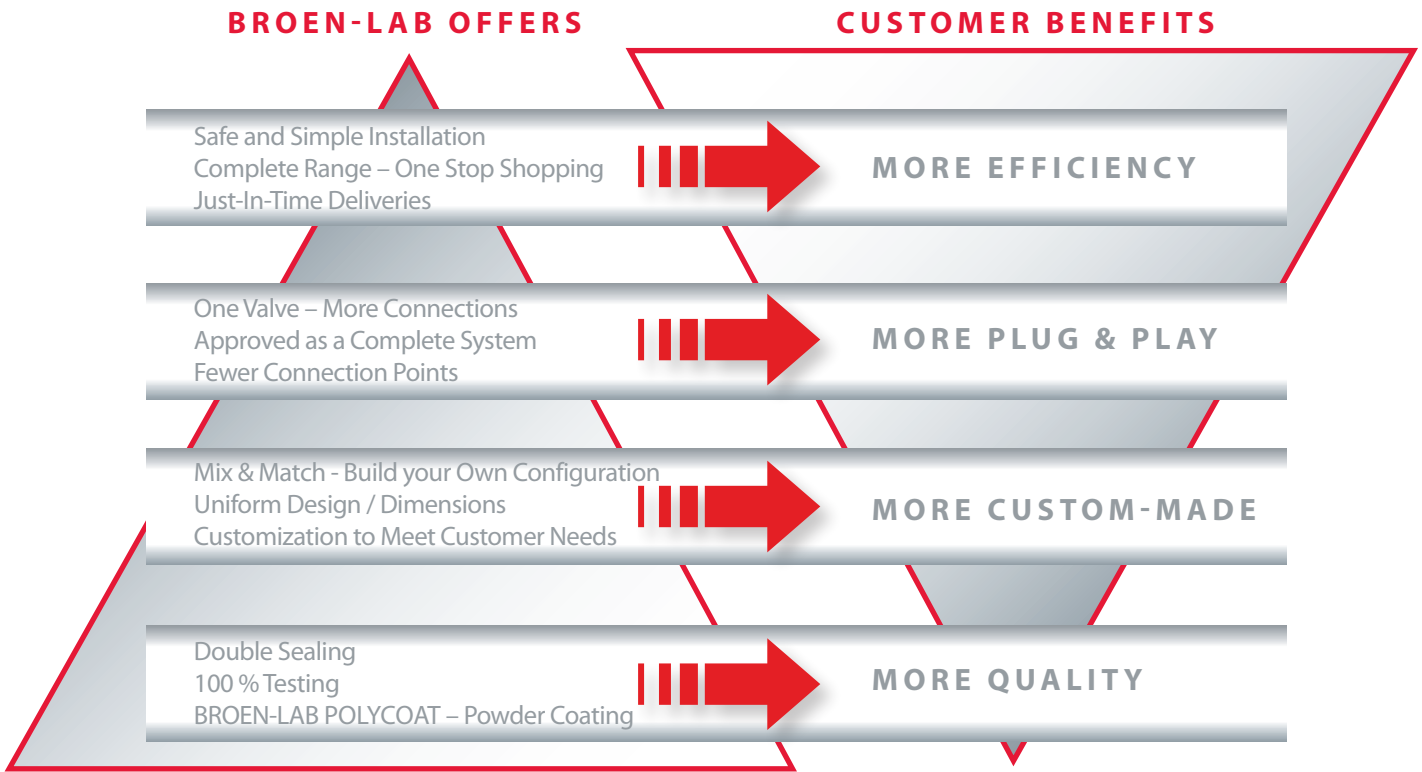


BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

THIS IS BROEN-LAB UNIFLEX™

BROEN-LAB UniFlex™ line offers high quality and durability combined with the complete program, which adds up to low LCC (Life Cycle Costs).

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER



The operation and the configuration of the BROEN-LAB UniFlex™ fittings are highly adapted to the requirements of modern laboratories in the educational sector.

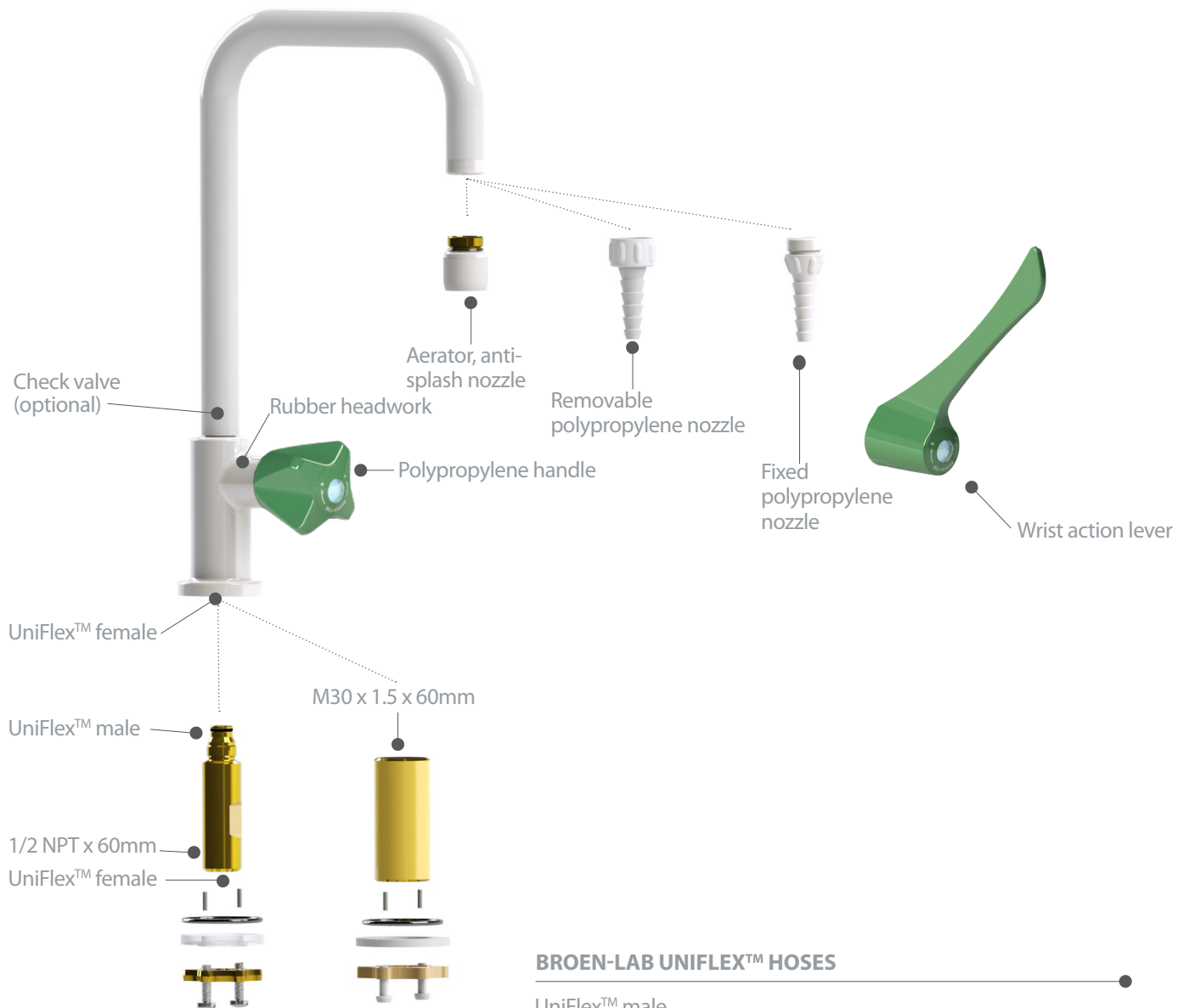
The fittings are manufactured of the highest quality materials. The surface of laboratory fittings is treated with BROEN-LAB POLYCOAT powder coating, which makes the surface highly resistant to most chemicals, UV fading and heat.

Most BROEN-LAB UniFlex™ fittings for water are as a standard delivered with a fixed polypropylene hose nozzle and a polypropylene handle. As an option it is possible to get water fittings with an integrated check valve, which prevents backflow. The fittings are delivered with easy-to-mount anti-rotational mounting kit.

THIS IS BROEN-LAB UNIFLEX™

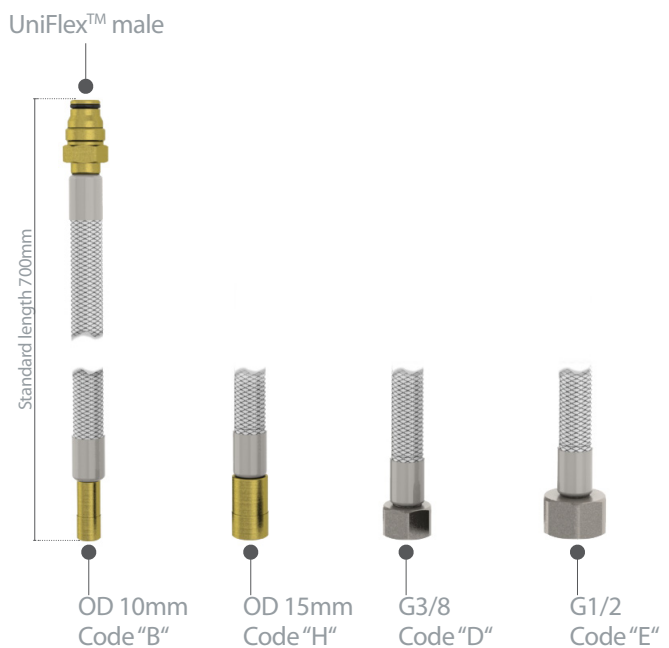
BROEN-LAB UniFlex™ is a unique and patented connection, which allows customers to choose from various connection methods, such as hoses, Cu, PEX or Stainless Steel pipes, without changing the valve itself. It provides unique flexibility, not only for the installer, but also for the end-user. Due to the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

PRODUCT OVERVIEW

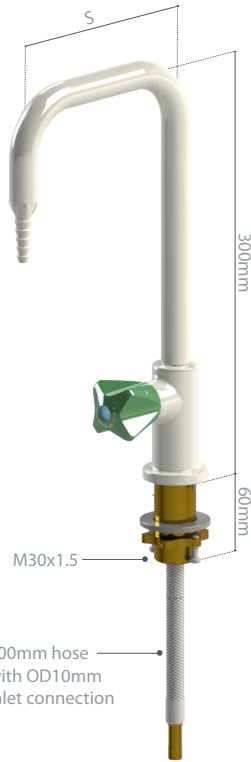


BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

BROEN-LAB UNIFLEX™ HOSES



BENCH MOUNTED FITTING WITH SWIVEL SPOUT



SPECIFICATIONS

- Handle:** Polypropylene, with media indication according to EN13792
- Spout:** Full swivel action
- Hose nozzle:** Fixed Polypropylene (can be unscrewed by hand, thread: male G3/8)
- Headwork:** Rubber (wrist action lever: ceramic)
- Opening/closing function:** 2 x 360° (wrist action lever: 90°)
- Temperature range:** 0-65°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:** PP, SPX (hose)
- Sealing:** EPDM
- Lubricant:** Silicone based
- Ceramics:** Al₂O₃ 96% (wrist action lever only)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- removable polypropylene hose nozzle
- integrated non-return valve
- fixed spout (rear, left or right)
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

With wrist action levers
(shown in CLOSED position)



Model: Polypropylene handle

Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold	2534 008 1001-52B	2534 084 1001-52B	2534 085 1001-52B	2534 086 1001-52B
Non-potable water, cold	2534 008 1007-52B	2534 084 1007-52B	2534 085 1007-52B	2534 086 1007-52B

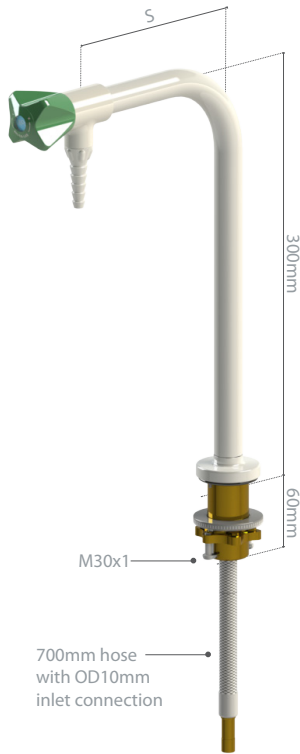
Model: Wrist action lever



Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold	2534 087 1001-52B	2534 088 1001-52B	2534 089 1001-52B	2534 083 1001-52B
Non-potable water, cold	2534 087 1007-52B	2534 088 1007-52B	2534 089 1007-52B	2534 083 1007-52B

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

BENCH FITTING MOUNTED ON A COLUMN



SPECIFICATIONS

- Handle:** Polypropylene, with media indication according to EN13792
- Hose nozzle:** Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)
- Headwork:** Rubber (wrist action lever: ceramic)
- Opening/closing function:** 2 x 360° (wrist action lever: 90°)
- Temperature range:** 0-65°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:** PP, SPX (hose)
- Sealing:** EPDM
- Lubricant:** Silicone based
- Ceramics:** Al₂O₃ 96% (wrist action lever only)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

- Other options:
- aerator
 - removable polypropylene 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)



Model: Polypropylene handle



BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

Media	S = 150mm	S = 200mm
Potable water, cold	2533 085 1001-52B	2533 097 1001-52B
Non-potable water, cold	2533 085 1007-52B	2533 097 1007-52B

Model: Wrist action lever

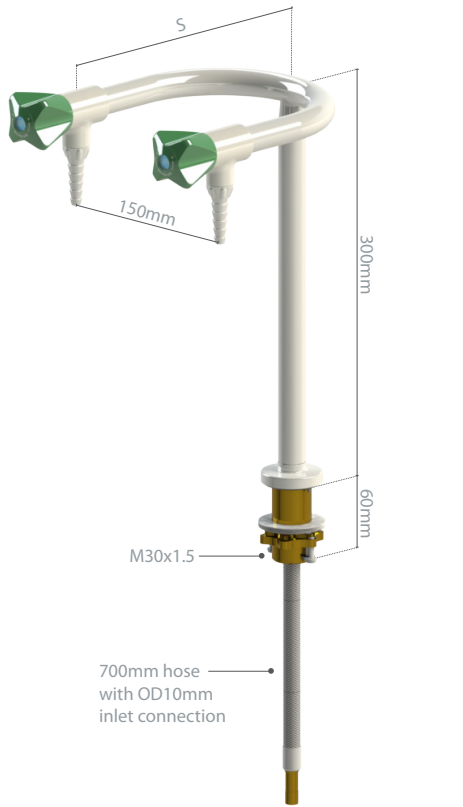


Media	S = 150mm	S = 200mm
Potable water, cold	2533 095 1001-52B	2533 147 1001-52B
Non-potable water, cold	2533 095 1007-52B	2533 147 1007-52B

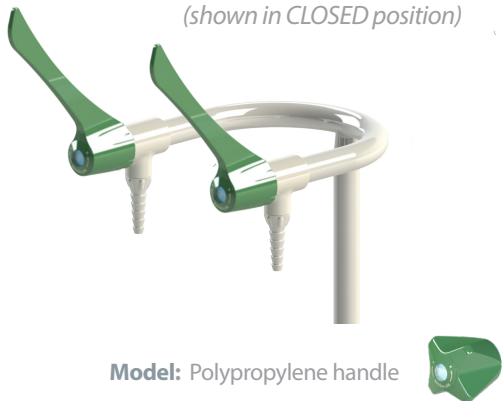
For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

TWO VALVE BENCH MOUNTED FITTINGS ON A U-SHAPED COLUMN

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER



With wrist action levers (shown in CLOSED position)



Model: Polypropylene handle

SPECIFICATIONS

- Handle:** Polypropylene, with media indication according to EN13792
- Hose nozzle:** Fixed Polypropylene (can be unscrewed by hand, thread: male G3/8)
- Headwork:** Rubber (wrist action lever: ceramic)
- Opening/closing function:** 2 x 360° (wrist action lever: 90°)
- Temperature range:** 0-65°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:** PP, SPX (hose)
- Sealing:** EPDM
- Lubricant:** Silicone based
- Ceramics:** Al₂O₃ 96% (wrist action lever only)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- aerator
- removable polypropylene 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 = 150mm	S = 200mm
 Potable water, cold	2533 086 1001-52B	2533 149 1001-52B
 Non-potable water, cold	2533 086 1007-52B	2533 149 1007-52B

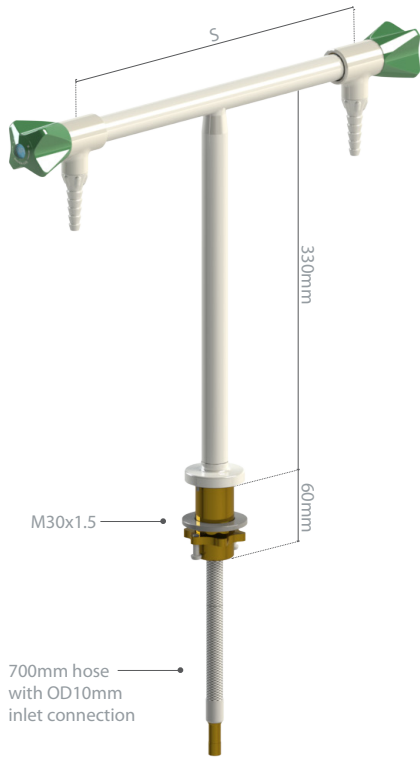
Model: Wrist action lever



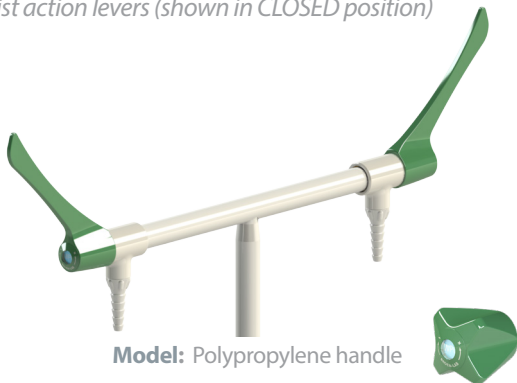
Media	S = 150mm	S = 200mm
 Potable water, cold	2533 148 1001-52B	2533 150 1001-52B
 Non-potable water, cold	2533 148 1007-52B	2533 150 1007-52B

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

TWO VALVE BENCH MOUNTED FITTING ON A TEE-SHAPED COMLUMN



With wrist action levers (shown in CLOSED position)



Model: Polypropylene handle

SPECIFICATIONS

Handle: Polypropylene, with media indication according to EN13792

Hose nozzle: Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)

Headwork: Rubber (wrist action lever: ceramic)

Opening/closing function: 2 x 360° (wrist action lever: 90°)

Temperature range: 0-65°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: PP, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based



Ceramics: Al₂O₃ 96% (wrist action lever)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- aerator
- removable polypropylene 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 087 1001-52B	2533 130 1001-52B
 Non-potable water, cold	2533 087 1007-52B	2533 130 1007-52B

Model: Wrist action lever

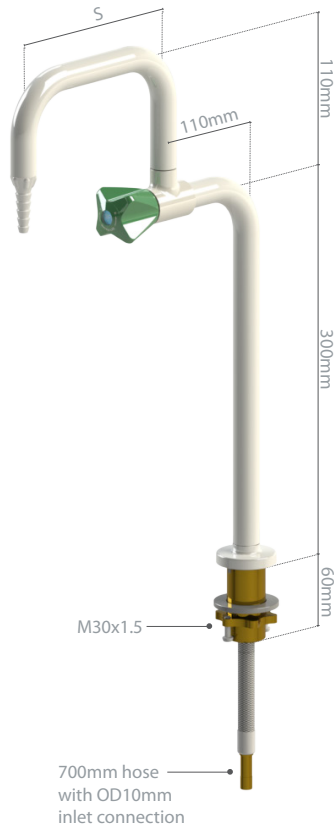


Media	S = 300mm	S = 400mm
 Potable water, cold	2533 151 1001-52B	2533 152 1001-52B
 Non-potable water, cold	2533 151 1007-52B	2533 152 1007-52B

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

BENCH MOUNTED FITTING ON A COLUMN WITH SWIVEL SPOUT

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER



SPECIFICATIONS

Handle: Polypropylene, with media indication according to EN13792

Spout: Full swivel action

Hose nozzle:

U-shape - fixed polypropylene (can be unscrewed by hand)
S-shape - removable polypropylene

Headwork: Rubber (wrist action lever: ceramic)

Opening/closing function: 2 x 360° (wrist action lever: 90°)

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 2 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: PP, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96% (wrist action lever)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- removable polypropylene hose nozzle (U-shape)
- wrist action lever
- integrated non-return valve
- T = 200mm
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-Potable Hot)

S-shape with polypropylene handle



Model: Polypropylene handle



U-shape, fixed nozzle

Media	S = 150mm	S = 200mm
Potable water, cold	2533 141 1001-52B	2533 142 1001-52B
Non-potable water, cold	2533 141 1007-52B	2533 142 1007-52B

Model: polypropylene handle

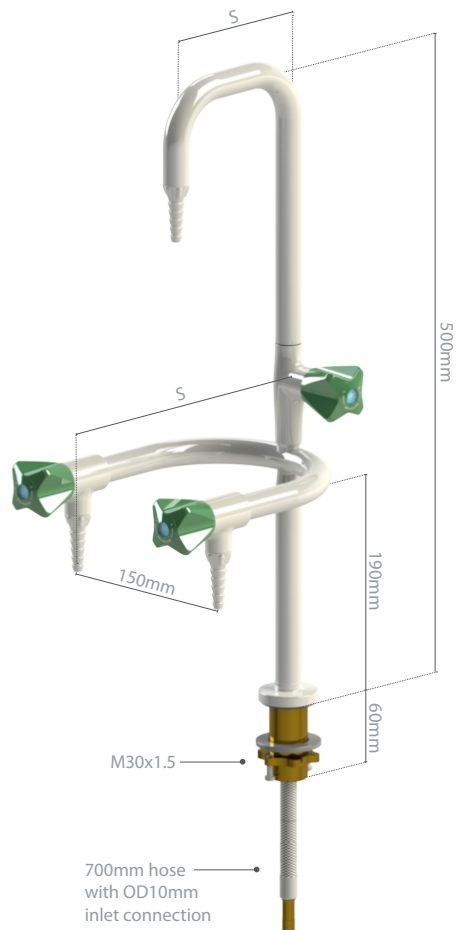


S-shape, removable nozzle

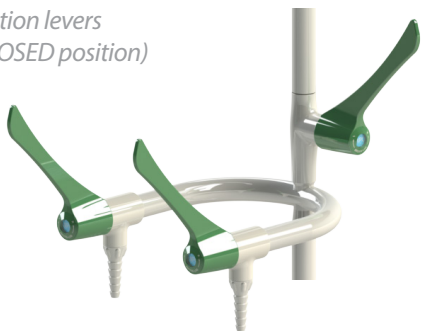
Media	S = 150mm	S = 200mm
Potable water, cold	2533 143 1001-52B	2533 144 1001-52B
Non-potable water, cold	2533 143 1007-52B	2533 144 1007-52B

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

THREE VALVE BENCH MOUNTED FITTING



With wrist action levers
(shown in CLOSED position)



Model: Polypropylene handle



SPECIFICATIONS

Handle: Polypropylene, with media indication according to EN13792

Spout: Full swivel action

Hose nozzle: Fixed polypropylene (can be unscrewed by hand from angle valves, thread: male G3/8)

Headwork: Rubber (wrist action lever: ceramic)

Opening/closing function: 2 x 360° (wrist action lever: 90°)

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 3 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: PP, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

Ceramics: Al₂O₃ 96% (wrist action lever only)

Solder: DIN L-Ag55:Sn

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- removable polypropylene 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 = 150mm



Potable water, cold

2533 094 1001-52B



Non-potable water, cold

2533 094 1007-52B

Model: Wrist action lever



Media

S = 150mm



Potable water, cold

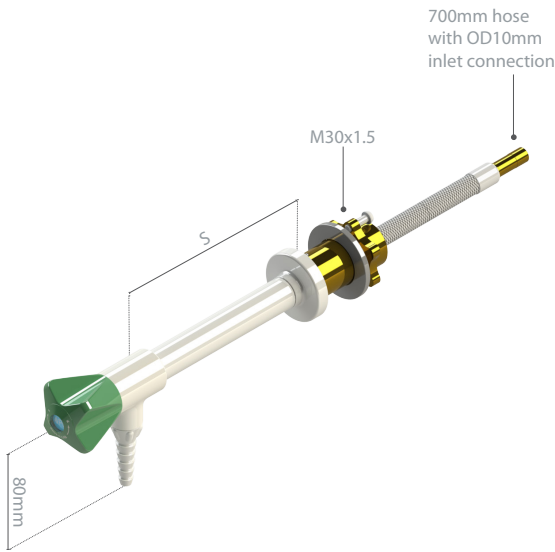
2533 096 1001-52B



Non-potable water, cold

2533 096 1007-52B

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



SPECIFICATIONS

- Handle:** Polypropylene, with media indication according to EN13792
- Hose nozzle:** Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)
- Headwork:** Rubber (wrist action lever: ceramic)
- Opening/closing function:** 2 x 360° (wrist action lever: 90°)
- Temperature range:** 0-65°C
- Max. working pressure:** 10 bar / 147 psi
- Test pressure:** 1 x working pressure
- Weight:** 1.0 kg

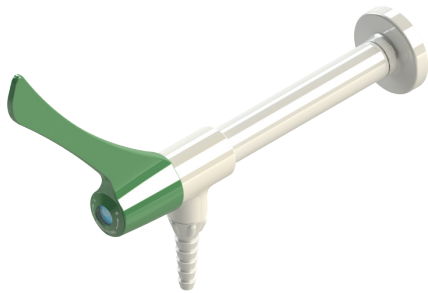
MATERIALS WITH MEDIA CONTACT

- Metals:** Brass
- Plastics:** PP , SPX (hose)
- Sealing:** EPDM
- Lubricant:** Silicone based
- Ceramics:** Al₂O₃ 96% (wrist action lever only)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

- Other options:
- aerator
 - removable polypropylene 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)



Model: Polypropylene handle



Media	S = 150mm	S = 200mm
Potable water, cold	2533 136 1001-52B	2533 137 1001-52B
Non-potable water, cold	2533 136 1007-52B	2533 137 1007-52B

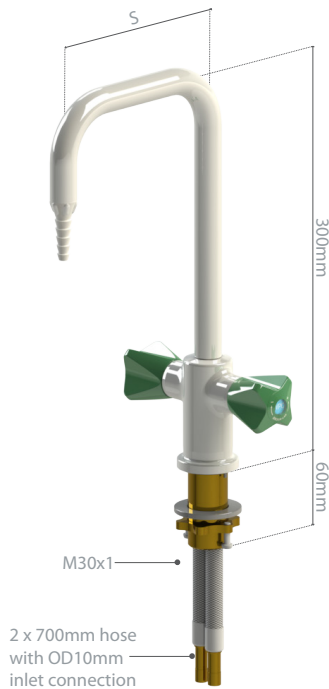
Model: Wrist action lever



Media	S = 150mm	S = 200mm
Potable water, cold	2533 138 1001-52B	2533 139 1001-52B
Non-potable water, cold	2533 138 1007-52B	2533 139 1007-52B

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



SPECIFICATIONS

- Handle:** Polypropylene, with media indication according to EN13792
- Spout:** Full swivel action
- Hose nozzle:** Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)
- Headwork:** Rubber (wrist action lever: ceramic)
- Opening/closing function:** 2 x 360° (wrist action lever: 90°)
- Temperature range:** 0-65°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:** PP, SPX (hose)
- Sealing:** EPDM
- Lubricant:** Silicone based
- Ceramics:** Al₂O₃ 96% (wrist action lever only)

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- removable polypropylene hose nozzle
- integrated non-return valve
- fixed spout
- alternative hose inlet connection / without a hose
- OD 10mm Cu pipes
- other inlet options
- national approvals

With wrist action levers



Model: polypropylene handle



Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold/hot	2536 039 1039-52B	2536 045 1039-52B	2536 046 1039-52B	2536 047 1039-52B
Non-potable water, cold/hot	2536 039 1040-52B	2536 045 1040-52B	2536 046 1040-52B	2536 047 1040-52B

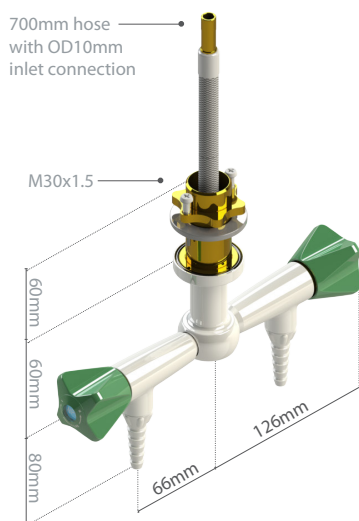
Model: Wrist action lever



Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold/hot	2536 041 1039-52B	2536 048 1039-52B	2536 049 1039-52B	2536 050 1039-52B
Non-potable water, cold/hot	2536 041 1040-52B	2536 048 1040-52B	2536 049 1040-52B	2536 050 1040-52B

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

SUSPENDED 2-VALVE FITTING



SPECIFICATIONS

Handle: Polypropylene, with media indication according to EN13792

Hose nozzle: Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)

Headwork: Rubber

Opening/closing function: 2 x 360°

Temperature range: 0-65°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: PP, SPX (hose)

Sealing: EPDM

Lubricant: Silicone based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- aerator
- removable polypropylene hose nozzle
- wrist action lever
- models with single valve, 2 valves in 90° and 4 valves
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- national approvals
- WPH (Water Potable Hot)
- WNH (Water Non-potable Hot)

Model: Polypropylene handle



Media

2-valve 180°



Potable water, cold

2530 064 1001-52B



Non-potable water, cold

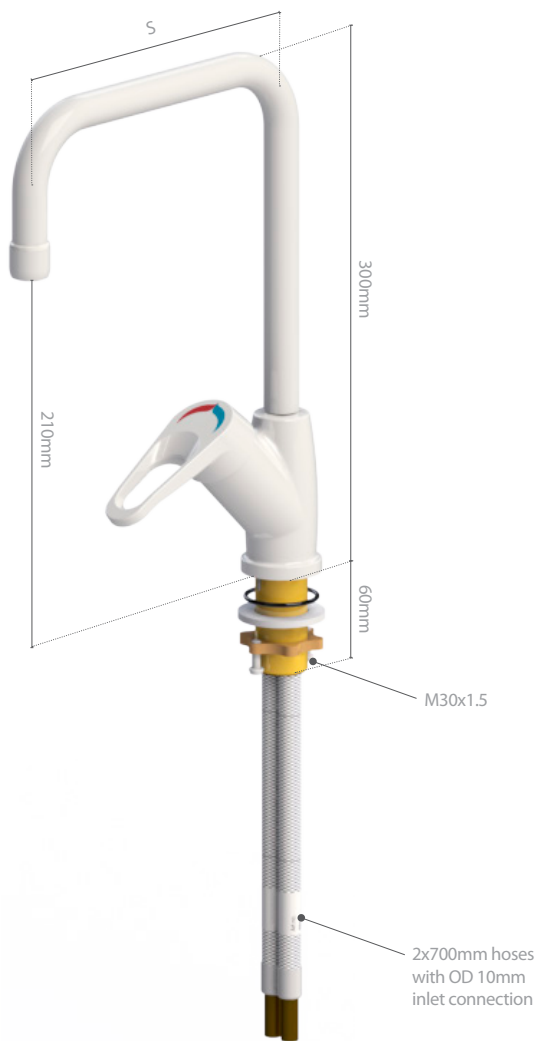
2530 064 1007-52B



BROEN-LAB JNIFLEX™ FITTINGS FOR WATER

SINGLE HANDLE MIXER BENCH MOUNTED

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER



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

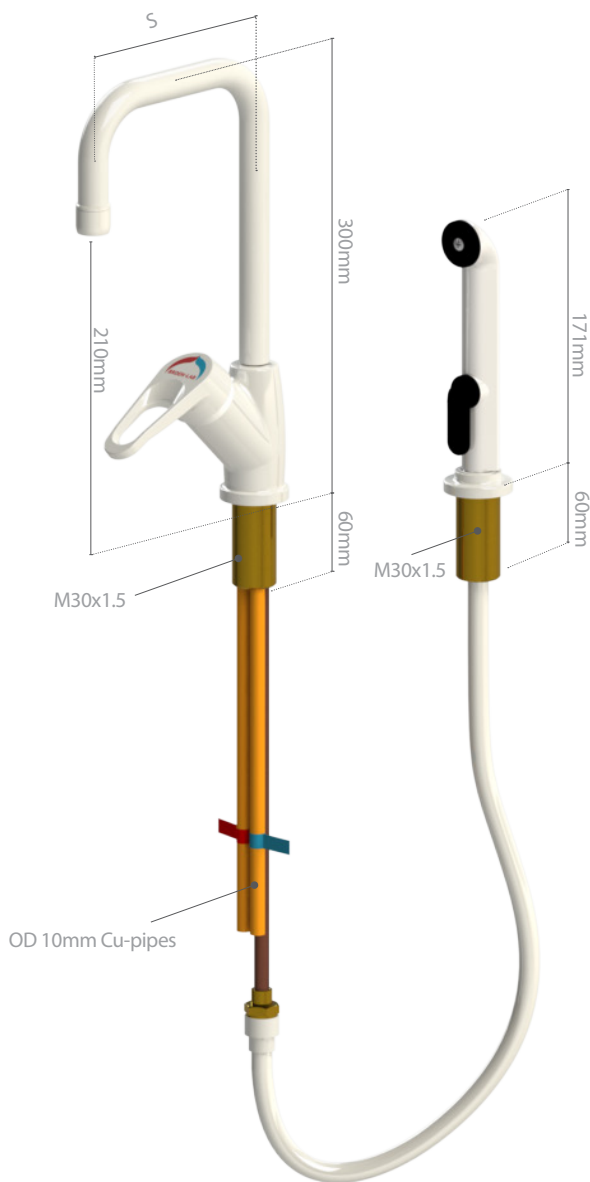
Media:



Model	S = 150mm	S = 200mm	S = 250mm	S = 300mm
	2535 038 1035-52B	2535 039 1035-52B	2535 040 1035-52B	2535 041 1035-52B

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)

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

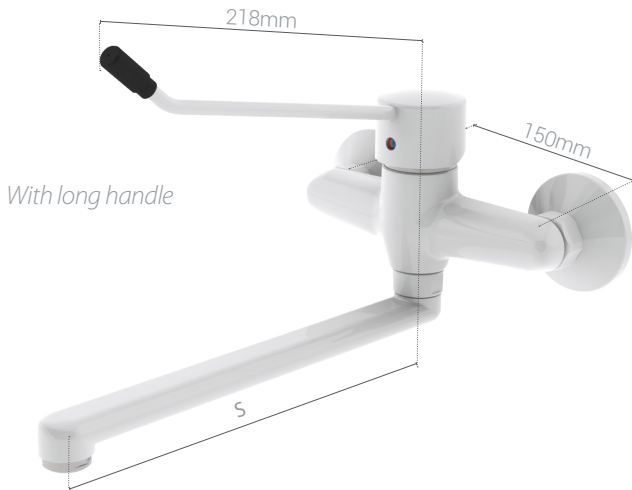
Media:



Model	S = 150mm	S = 200mm	S = 250mm	S = 300mm
	2535 042 1035-52C	2535 043 1035-52C	2535 044 1035-52C	2535 045 1035-52C

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

ONE HANDLE TWO HOLE MIXER WITH SWIVEL SPOUT



BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

SPECIFICATIONS

- Handle:** Metal, BROEN-LAB POLYCOAT powder coated
- Spout:** Swivel action
- Hose nozzle:** Aerator
- Cartridge:** Ceramic (temperature and flow limiting 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)

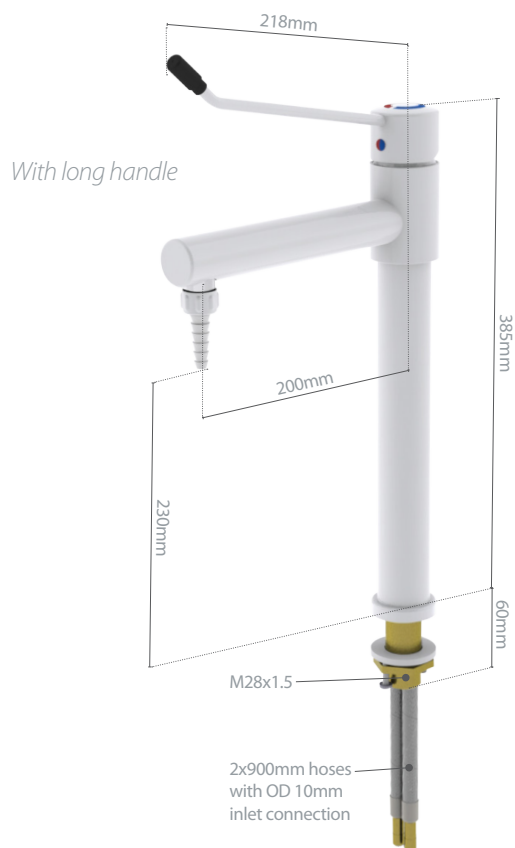
Media:



Model	S = 200mm	S = 250mm	S = 300mm
 Short Handle	2535 010 1035	2535 004 1035	2535 016 1035
 Long Handle	2535 007 1035	2535 001 1035	2535 013 1035

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

ONE HANDLE MIXER WITH SWIVEL SPOUT



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated

Spout: 110° limited swivel action

Hose nozzle: Removable polypropylene (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

Media:



Model

S = 200mm



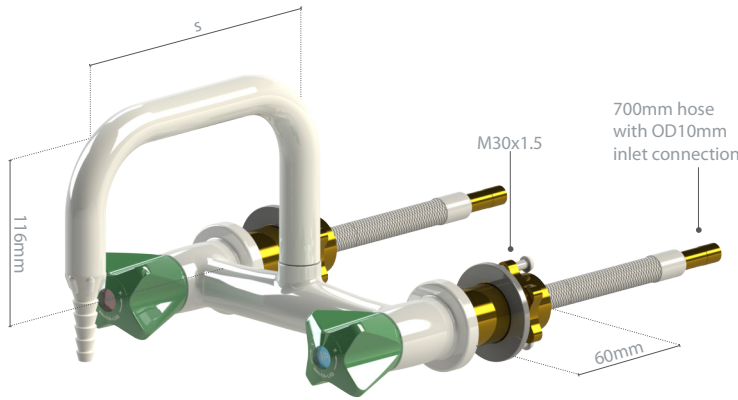
Long Handle

G350318135

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

WALL AND BENCH MOUNTED 2-HOLE 2-HANDLE MIXERS WITH SWIVEL SPOUT

With U-shape swivel spout



SPECIFICATIONS

Handle: Polypropylene, with media indication according to EN13792

Hose nozzle: Fixed polypropylene (can be unscrewed by hand, thread: male G3/8)

Headwork: Rubber

Opening/closing function: 2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.7 kg

MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: PP, 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
- fixed spout
- S-spout for wall mounted model
- wrist action lever
- other options for hose inlet connections

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

Bench mounted model



Model: Wall mounted

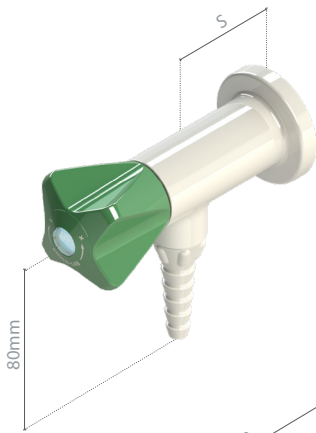
Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold/hot	2536 279 1039-52B	2536 215 1039-52B	2536 280 1039-52B	2536 281 1039-52B
Non-potable water, cold/hot	2536 279 1040-52B	2536 215 1040-52B	2536 280 1040-52B	2536 281 1040-52B

Model: Bench mounted

Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
Potable water, cold/hot	2536 274 1039-52B	2536 214 1039-52B	2536 275 1039-52B	2536 276 1039-52B
Non-potable water, cold/hot	2536 274 1040-52B	2536 214 1040-52B	2536 275 1040-52B	2536 276 1040-52B

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

SINGLE WATER FITTINGS



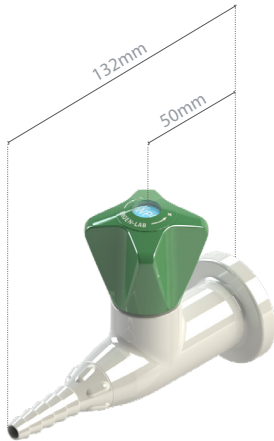
No. 2530 317 10xx-08 (S=50mm)
No. 2530 315 10xx-08 (S=75mm)

Valve for suspended or wall mounting with a polypropylene handle, a rubber headwork and a fixed polypropylene nozzle (can be unscrewed by hand).

For media XX and other inlet options please refer to page 27 or contact your BROEN-LAB sales representative.

Materials with medium contact:

Metals:	Brass
Plastics:	PP
Sealing:	EPDM
Lubricant:	Based on silicone



No. 2532 199 10xx-08

Valve for suspended or wall mounting with a polypropylene handle, a rubber headwork and a fixed polypropylene nozzle (can be unscrewed by hand).

For media XX and other inlet options please refer to page 27 or contact your BROEN-LAB sales representative.

Materials with medium contact:

Metals:	Brass
Plastics:	PP
Sealing:	EPDM
Lubricant:	Based on silicone

NEW MODELS ARE AVAILABLE

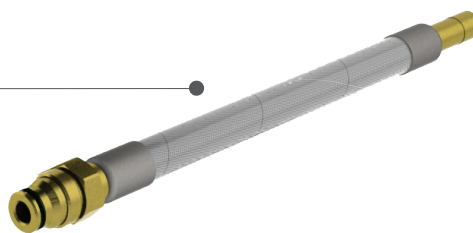
Please contact your BROEN-LAB representative for more information!



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

BROEN-LAB UNIFLEX™ HOSES FOR WATER

BROEN-LAB UniFlex™ flexible hoses



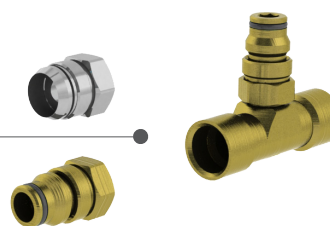
BROEN-LAB offers BROEN-LAB UniFlex™ hoses as an easy way to make the installation in the laboratory where safety and efficiency are required. BROEN-LAB UniFlex™ hoses are the ideal solution where there is a higher requirement for flexibility. Installation with flexible hoses saves you time and labor - 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.

BROEN-LAB UniFlex™ connection fittings and adaptors for Cu, Stainless Steel and PEX pipes



BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

93V - BROEN-LAB UNIFLEX™ SPX HOSES FOR WATER

INLET CONNECTIONS

93 V XX XX XXXX

3/8" NPT Swivel Connection (Code 61)



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 G3/8" 90° union nut connection (Code 46)



Female G1/2" union nut connection (Code 40)



Female G1/2" 90° union nut connection (Code 45)



Female G3/4" union nut connection (Code 42)



OD3/8" connection compression fittings (Code 09)



OD10mm connection for compression fittings (Code 10)



OD12mm connection for compression fittings (Code 12)



OD1/2" mm connection for compression fittings (Code 13)



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)



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



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



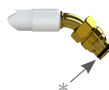
OUTLET CONNECTIONS

93 V XX XX XXXX

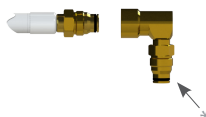
Straight BROEN-LAB UniFlex™ connection with EPDM O-ring (Code 20)



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



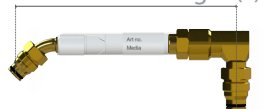
Marking for water with Part no. and Media indication

HOSE LENGTHS

Definition of length (L)



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

* Other lengths are available on request

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

RUBBER HEADWORK
POLYPROPYLENE HANDLE

SPECIFICATIONS

BROEN-LAB UniFlex™ water fittings with polypropylene handles are delivered with rubber headworks.

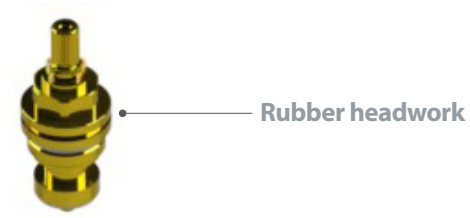
Water fittings with rubber headwork offer quick and precise adjustment and a long service life.

Opening/closing function: 2 x 360° turn

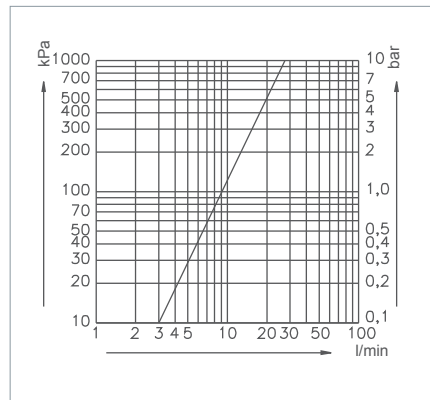
Media: Hot/cold water

Temperature range: Please refer to the individual fitting

Max. working pressure: 10 bar / 147 psi



FLOW CHART



MATERIALS WITH MEDIA CONTACT

Metals: Brass

Sealing: EPDM

Lubricant: Silicone based

ORDERING INFORMATION

Rubber headwork

No. 1977000

BROEN-LAB UNIFLEX™ FITTINGS FOR WATER

CERAMIC HEADWORK
WRIST ACTION LEVER

SPECIFICATIONS

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

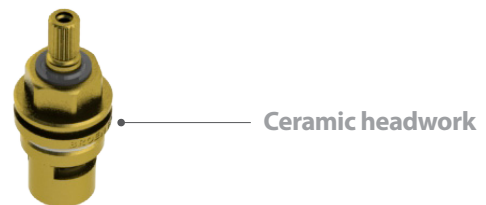
Opening/closing function: 90° turn

Media: Hot/cold water

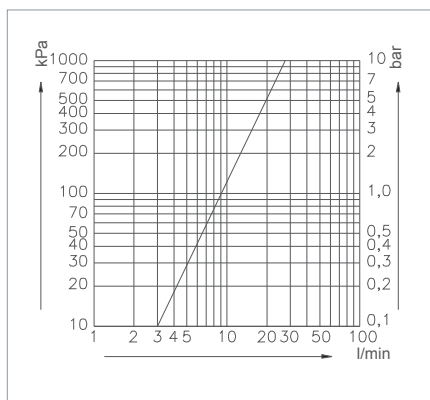
Temperature range: Maximum 90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure



FLOW CHART



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

ACCESSORIES / SPARE PARTS

Illustration	Description	BROEN-LAB item No.
	Adaptor for aerator M19x1 - M22x1 <i>(fits 2534- and 2536-models)</i> G3/8A - M22x1 <i>(fits angle valves and elder spouts)</i>	2539 005 1001 2539 064 1001
	Aerator Thread: M22x1 Thread: female G1/2	2539 006 1001 19 025 009
	Adaptor for removable polypropylene nozzle M19x1 - G 1/2 G3/8 - G1/2	2539 003 1001 2539 048 1001
	Removable polypropylene nozzle (thread: female G1/2)	2539 004 1001
	Fixed polypropylene nozzle Thread: M19x1 Thread: G3/8	2539 010 1001 2539 040 1001
	Water jet filter pump (inlet: union nut G3/4, adapter to female G1/2 is included)	19 199 009
	Mounting set for G1/2 connection	19141000
	1/2" NPT inlet with female BROEN-LAB UniFlex™ connection (incl. O-ring) L=30mm L=60mm L=90mm	1550233V 1527454V 1550246V
	Mounting set for M30x1,5 connection	19 190 000
	Threaded inlet pipe M30x1,5 L=30mm L=60mm L=90mm	1919003 1919002 1919004

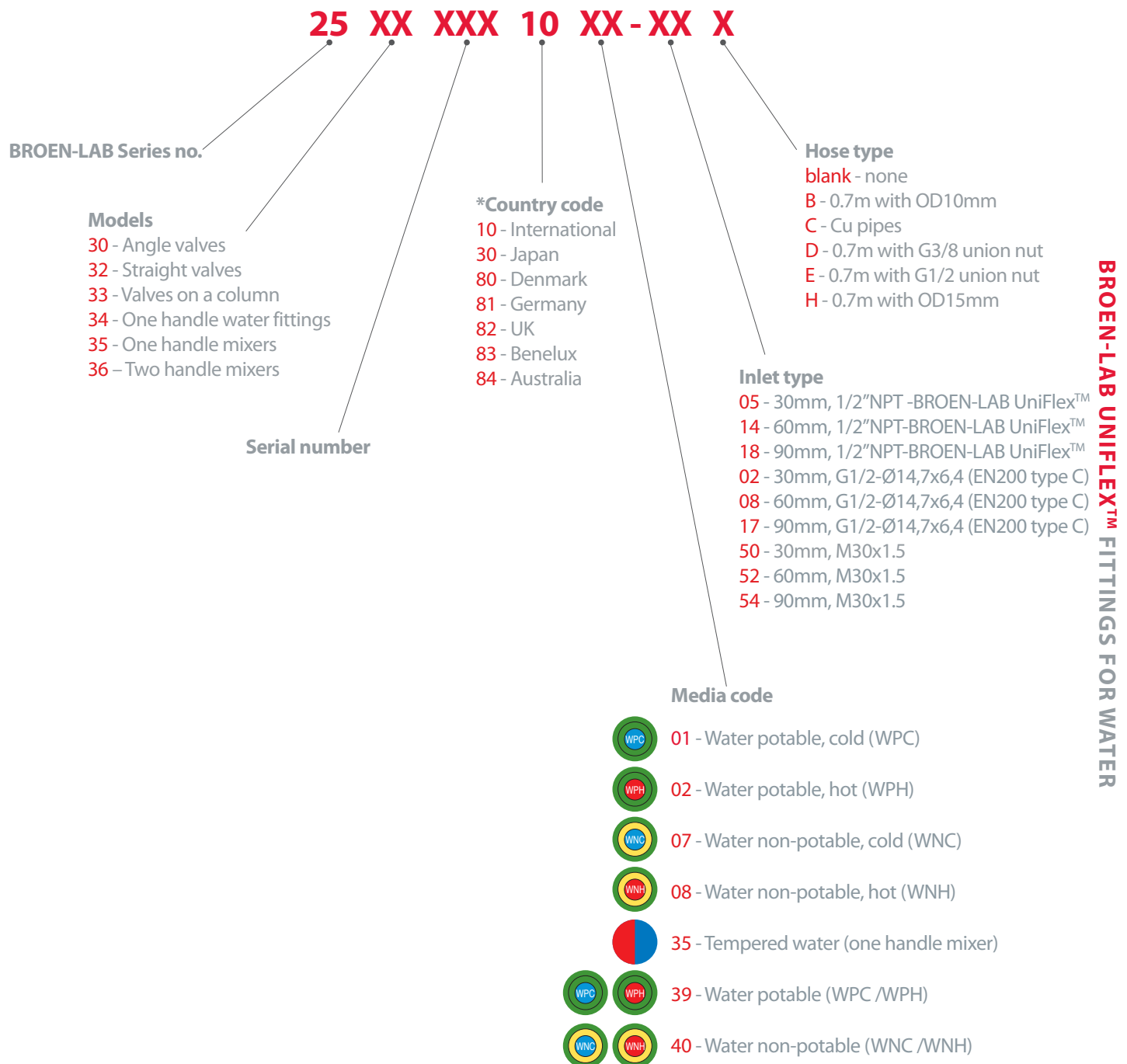
ACCESSORIES / SPARE PARTS

Illustration	Description	BROEN-LAB item No.
	<p>Polypropylene handle with media indication according to EN 13792</p>	<p>191501401001 (WPC) 191501401002 (WPH) 191501401007 (WNC) 191501401008 (WNH)</p>
	<p>Wrist action lever (handle only)</p>	<p>1916433G-5168 (green)</p>
	<p>Adaptor (chrome plated brass) for vacuum pump</p> <p>Thread: M19x1 - G1/2A <i>(fits 2534- and 2536-models)</i></p> <p>Thread: G3/8A - G1/2A <i>(fits angle valves and elder spouts)</i></p>	<p>2539 007 1001</p> <p>2539 043 1001</p>
	<p>Vacuum pump for water fitting <i>(remember to order a metal adaptor shown above)</i></p>	<p>19 198 009</p>

ORDERING INFORMATION

BROEN-LAB UNIFLEX™ FITTINGS

Generally, item number for BROEN-LAB UniFlex fittings has the following structure:



* 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 9001:2015. This certification will further contribute to reputation for quality and reliability of BROEN-LAB A/S.

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