



# ROLLER S Multi-Control SL/SLW Owner's Manual

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# ***ROLLER'S***

**ROLLER S Multi-Control SL/SLW**



## Multi-Control SL / SLW



Powerful, compact, electronic flushing and pressure testing unit with oil-free compressor. Only one device with more than 10 automatic programs. Flushing and desilting of pipes up to DN 50, 2" with a water pressure pipe network up to 1 MPa/10 bar/145 psi, water temperature 5 – 35° C, water flow up to 5 m<sup>3</sup>/h. Pressure test with compressed air up to 0.4 MPa/4 bar/58 psi. Pressure test with water up to 1.8 MPa/18 bar/261 psi. For controlled filling of vessels of all kinds with compressed air up to 0.8 MPa/8 bar/ 116 psi. Operation of pneumatic tools with an operating pressure up to 0.8 MPa/8 bar/116 psi, suction power up to 230 NI/min.

- **Universally usable**

Only one device for flushing with water or a water/air mixture, disinfection, cleaning, preservation of pipe systems, for pressure testing of pipe systems and vessels with compressed air or water, e.g. drinking water installations, radiators or area heating systems, for pressure testing of gas installations with compressed air, as

a pneumatic pump for controlled filling of all types of vessels with compressed air, e. g. for pumping up expansion vessels or tires and for operating pneumatic tools. (Patent EP 2 816 231).

- **For desilting and flushing**

Keys for easy switching of the air supply during the flushing process when cleaning and desilting radiator and area heating systems with the following possibilities:

(1) without compressed air, (2) intermittent compressed air, (3) constant compressed air.

- **For flushing drinking water installations according to EN 806-4**

Flushing of drinking water installations with water or with a water/air mixture with intermittent compressed air in accordance with EN 806-4:2010 and information leaflet "Flushing, Disinfection and Commissioning of Drinking Water Installations" (August 2014) of the German Central Association for Sanitary, Heating and Air Conditioning (ZVSHK).

- **For disinfection**

ROLLER'S Inject TW disinfection unit (accessory) for disinfection of drinking water installations in accordance with EN 806-4:2010 and information leaflet

"Flushing, Disinfection and Commissioning of Drinking Water Installations"

(August 2014) of the German Central Association for Sanitary, Heating and Air Conditioning (ZVSHK) and other pipe systems. ROLLER'S Plus TW-D Color, consisting of 1 l bottle of dosing solution ROLLER'S Plus TW-D for disinfection of approx. 100 l pipe volumes, 20 ml bottle of red dye ROLLER'S Color for dyeing the dosing solution for washout control and pipette for testing the dosing solution for efficacy, see page 170. Disinfectant solution feeding without an additional dosing pump (Patent EP 2 954 960).

- **For cleaning and preservation**

Cleaning and preservation unit ROLLER'S Inject H (accessory) for cleaning and preservation of heating systems. Cleaner, dyed green for filling and wash-out check and corrosion protection, dyed blue for filling check, for approx. 100 l line volume respectively, see page 170. Disinfectant solution feeding without an additional dosing pump (Patent EP 2 954 960).

- **For pressure and leak testing with compressed air**

Leak testing of drinking water installations with compressed air according to information leaflet "Leak Testing of Drinking Water Installations with Compressed Air, Inert Gas or Water" (January 2011) of the German Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), leak testing of gas installations with compressed air according to the technical rule "DVGW-TRGI 2018, Technical Rules for Gas Installations – DVGW Worksheet G 600" of the German Gas and Water Association (DVGW) and leak testing of other pipe systems and vessels with compressed air.

Load testing of drinking water installations with compressed air according to information leaflet "Leak Testing of Drinking Water Installations with Compressed Air, Inert Gas or Water" (January 2011) of the German Central Association for Sanitary, Heating and Air Conditioning (ZVSHK), load testing of gas installations with compressed air according to the technical rule "DVGW-TRGI 2018, Technical Rules for Gas Installations – DVGW Worksheet G 600" of the German Gas and Water Association (DVGW) and load testing of other pipe systems and vessels with compressed air.

- **For pressure and leak testing with water**

ROLLER'S Multi-Control SLW with hydro-pneumatic water pump for hydrostatic pressure testing of drinking water installations with water in accordance with

EN 806-4:2010, test method A, B or C or test method B, modified in accordance with information leaflet "Leak Testing of Drinking Water Installations with Compressed Air, Inert Gas or Water" (January 2011) of the German Central Association for Sanitary, Heating and Air Conditioning (ZVSHK) and for pressure testing of

other pipe systems and vessels.

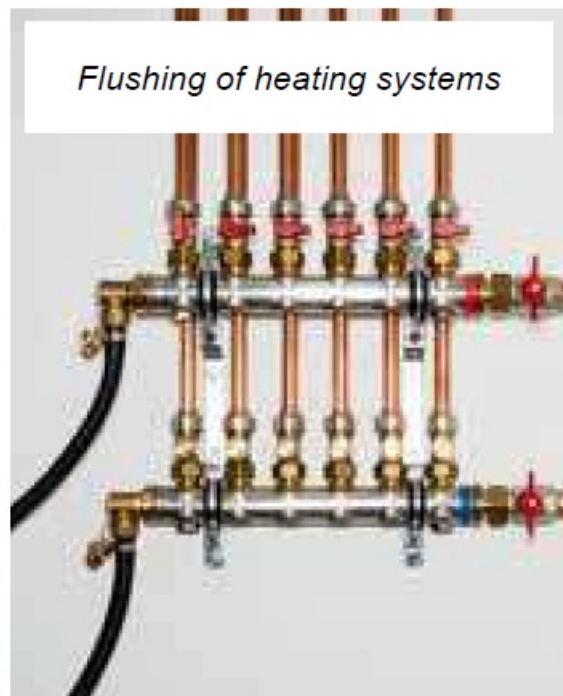
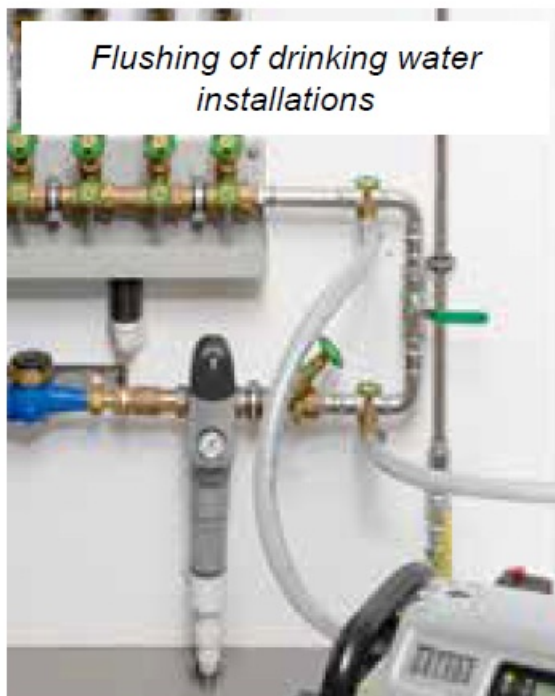
- **For controlled filling of vessels**

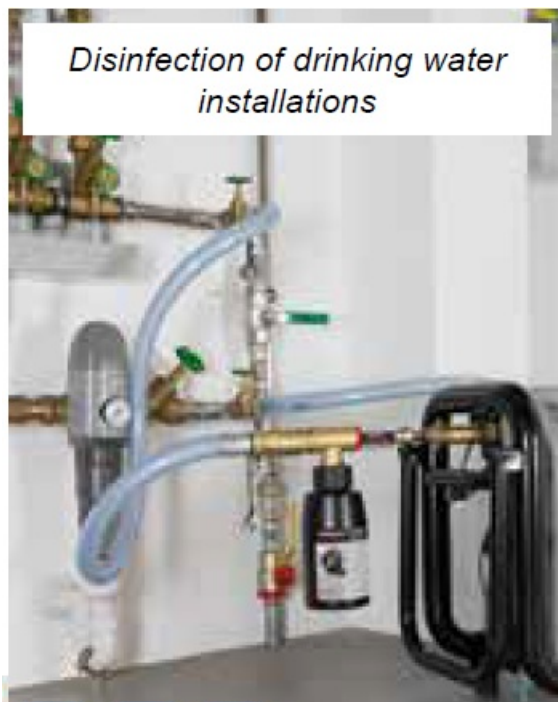
For controlled filling of vessels of all kinds with compressed air up to 0.8 MPa / 8 bar / 116 psi. With automatic switch-off on reaching the preset air pressure, e. g. for tires.

- **For operating compressed air tools**

For operating compressed air tools with an operating pressure up to 0.8 MPa / 8 bar / 116 psi and a suction power up to 230 NI/min. Adjustable air pressure. Compressed air hose with NW 7.2 quick couplings (accessory).

- Compact flushing and pressure testing unit with oil-free compressor. Input and control unit for automatically running the flushing and test programs and for documenting the results. Compressed air tank integrated into large tubular steel frame, safety devices for avoiding contamination of the pipe network by backflowing water, condensation and particle filters 5 µm. Connecting cable with integrated personal protection switch (PRCD). ROLLER'S Multi-Control SLW additionally with hydro-pneumatic water pump for hydrostatic pressure testing.



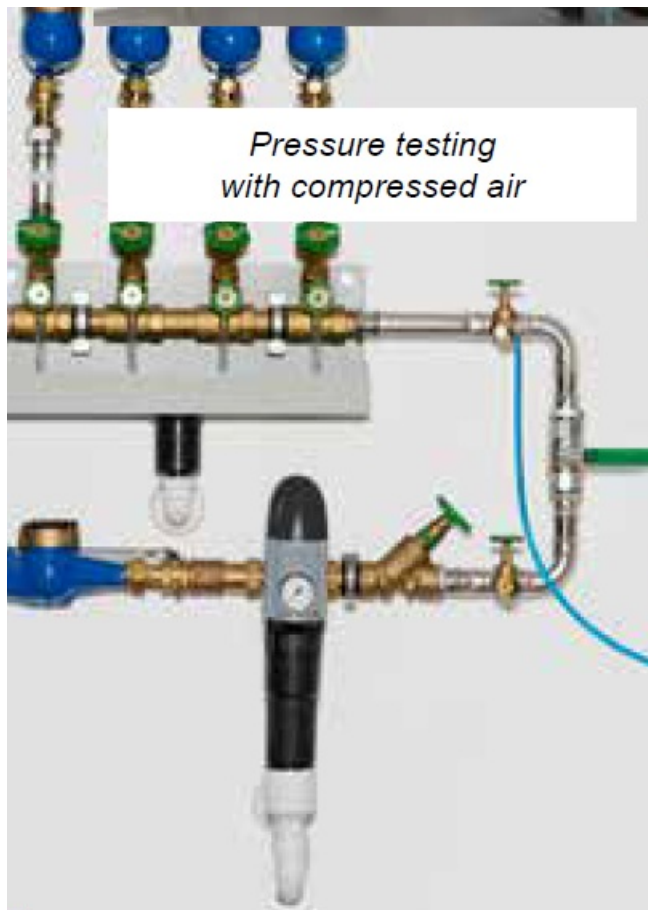


- **Input and control unit**

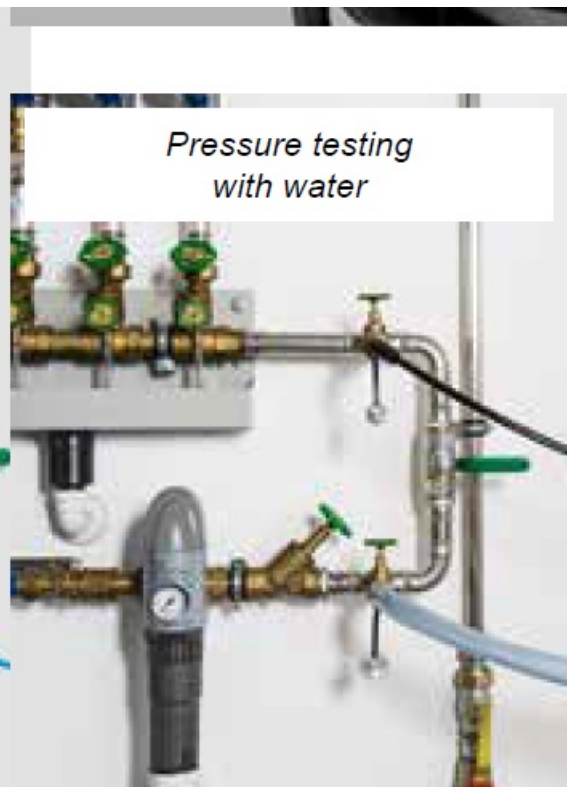
Menu-guided input and control of flushing and testing programs in 26 languages. Factory-defaulted test criteria (test sequences, pressures, times) with single or continuous possibility for changing by the user, e.g. for adapting to the respective national safety provisions, rules and regulations valid at the application site. Easy operation when desilting by keys for switching the air supply during the flushing process. Permanent process monitoring during the program sequences. With format selection for date and time and selection of the different units. Input and control unit with 3" display with modern LCD technology, 76 mm screen diagonal, 128 x 64 pixels. Very easy to operate. USB port for USB stick or printer. The respective latest version software for the input and control unit is available as a download under [www.albert-roller.de](http://www.albert-roller.de) → Downloads → Software and can be saved on a USB stick.

- **Logging**

Results of the flushing and test programs are saved with date, time and log number in the selected language and can be transferred to a USB stick or printer (accessory) for documentation. Additions to saved data, e.g. customer name, project number, tester, are possible on external devices (e.g. PC, laptop, tablet-PC, Smartphone).



*Pressure testing  
with compressed air*



*Pressure testing  
with water*

- Powerful, proven, maintenance-free, oil-free piston compressor with crank drive, capacitor motor 230 V, 50 Hz 1,500 W. Pressure gauge for displaying the air pressure in the compressed air tank. Emergency stop button.
- Handy, compact, ROLLER'S Multi-Control SL only 37 kg, ROLLER'S Multi-Control SLW only 39 kg. Easy transport by space-saving, folding handle and mobile tubular steel frame with 2 rubber wheels. 2 rubber feet for safe standing. 2 hooks for winding up the power cable.
- The water inputs and outputs of ROLLER'S Multi-Control can be sealed to avoid contamination during transport and storage.
- Cover for protecting the machine during transport and storage (accessory).
- Transparent 1" suction/pressure hose with fabric inlay, 1.5 m long, with 1" hose screw fittings, with caps, for flushing, disinfection, cleaning, preservation and pressure testing with water.
- 1/2" high pressure hose, with fabric inlay, 1.5 m long, with 1/2" hose screw fittings, with caps, for pressure testing with water with ROLLER'S Multi-Control SLW. Compressed air hose 8 mm, 1.5 m long, with quick coupling DN 5 and with hose gland G 1/2", for pressure testing with compressed air.
- Compressed air hose Ø 8 mm, 1.5 m long, with quick coupling DN 5 (plug, socket) for gas testing with compressed air.
- Connecting hose for compressor / water connections, 0.6 m long, with quick coupling DN 7.2 and 1" hose screw fittings, 1" double nipple, for blowing out water residue from ROLLER'S Multi-Control and the suction / pressure hoses at the end of work.





## Scope of Delivery

### ROLLER'S Multi-Control SL Set

Flushing and pressure testing unit with input and control unit, oil-free piston compressor with crank drive, capacitor motor, person protection switch (PRCD). Caps for the water inputs and outputs of ROLLER'S Multi-Control. Two 1" suction/pressure hoses, 1.5 m long, with 1" hose screw fitting, with caps, one pneumatic hose 8 mm, 1.5 m long with quick coupling DN 5 and hose gland G 1/2", for pressure testing with compressed air, connecting hose compressor/water connections, 1" double nipple, mobile tubular steel frame. Without disinfection unit, without cleaning and preservation unit

#### Art.-No.

115610 A22



### ROLLER'S Multi-Control SLW Set

Flushing and pressure testing unit with input and control unit, oil-free piston compressor with crank drive, capacitor motor, person protection switch (PRCD), hydro-pneumatic water pump. Caps for the water inputs and outputs of ROLLER'S Multi-Control. Two 1" suction/pressure hoses 1.5 m long, with 1" hose screw fitting, with caps, one pneumatic hose 8 mm, 1.5 m long with quick coupling DN 5 and hose gland G 1/2", for pressure testing with compressed air, one 1/2" high-pressure hose 1.5 m long, with 1/2" hose screw fitting, with caps, connecting hose compressor/ water connections, 1" double nipple, mobile tubular steel frame. Without disinfection unit, without cleaning and preservation unit

#### Art.-No.

115611 A220



## Accessories

Extensive accessories see page 170

### Accessories for ROLLER'S Multi-Control SL / SLW

Fine filter with fine filter cartridge 90 µm, washable, with large dirt collection vessel, for return line with ¾" connection, for flushing floor/wall area heaters and clearing slurry 115609 A

Fine filter cartridge 90 µm, for fine filter with fine filter cartridge 90 µm 043054

Pressure gauge,  $p \leq 6$  MPa/60 bar/870 psi, for the pressure and leak testing of pipe systems and vessels up to 6 MPa/60 bar/870 ps 115140

Fine scaled pressure gauge,  $p \leq 1.6$  MPa/16 bar/232 psi, for the pressure and leak testing of pipe systems and vessels up to 1.6 MPa/16 bar/232 psi. CL 1.0 115045

Fine scaled pressure gauge,  $p \leq 250$  hPa/250 mbar/ 3.6 psi, for the pressure and leak testing of pipe systems and vessels up to 250 hPa/250 mbar/3.6 psi. CL 1.6 047069

Suction/pressure hose Ø 1", with fabric inlay, 1.5 m long, with G 1" hose screw fittings, with caps, for flushing, disinfection, cleaning, preservation and pressure testing with water 115633 R

Double nipple 1" , for connecting 2 suction / pressure hoses and blowing out the suction/pressure hoses 045159

Compressed air hose Ø 8 mm, 7 m long, with DN 5 quick coupling and G ½" hose gland, for pressure testing with compressed air 115667 R

Compressed air hose Ø 8 mm, 1.5 m long, with quick coupling DN 5 (plug, socket) for gas testing with compressed air 115747 R

High pressure hose Ø ½" , 7 m long, with G ½" hose screw fitting, with caps, for pressure and leak testing of pipe



systems and vessels with water 115661 R

Compressed air hose Ø 14 mm , 1.5 m long, with quick couplings DN 7.2 (plug, socket) for connecting pneumatic tools 115621 R

Printer for printing the stored results of the flushing and test programs, 1 roll of paper, USB connecting cable, power supply/charger Ni-Mh 100 – 240 V, 50 – 60 Hz, 3 W 115604 A

Paper roll, pack of 5 , for printer 090015 R

Case with inlays, for printers, paper rolls and other accessories 115703 A

ROLLER'S Inject TW, disinfection unit for drinking water installations, for feeding dosing solution for disinfection 115602 A

ROLLER'S Plus TW-D Color , 1 l bottle of dosing solution of approx. 100 l pipe volumes, 20 ml bottle of red dye for dyeing the dosing solution and for washout control and pipette for testing the dosing solution for efficacy 115605 A

Test strips H<sub>2</sub>O<sub>2</sub> 0 – 1,000 mg/l, pack of 100, for checking the concentration of the disinfection solution 091072

Test strips H<sub>2</sub>O<sub>2</sub> 0 – 50 mg/l, pack of 100, for checking the complete flushing out of the dosing solution after disinfection 091073

ROLLER'S Inject H, cleaning and preservation unit for radiator and area heating systems, for feeding cleaner and corrosion protection 115612 A

ROLLER'S Plus H-R, 1 l bottle of cleaner for radiator and area heating systems, dyed green for filling and wash-out check, for approx. 100 l pipe volume 115607 A

ROLLER'S Plus H-K, 1 l bottle of corrosion protection, for preserving radiator and area heating systems, dyed blue for filling check, for approx. 100 l pipe volume 115608 A

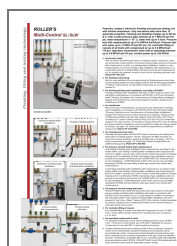
Cover for protecting the machine during transport and storage 115677 A

XL-Box system case for hoses 579600 AMP





## Documents / Resources



[ROLLER S Multi-Control SL/SLW](#) [pdf] Owner's Manual  
Multi-Control SL SLW, Multi-Control SL, Multi-Control SLW

## References

- [R Albert Roller](#)

[Manuals+.](#)