

REMS Multi-Push S

Electronic flushing unit with compressor

Powerful, compact, electronic flushing unit with oil-free compressor. For flushing with water or a water/air mixture, disinfection, cleaning, preservation of pipe systems and for operation of pneumatic tools.

Flushing and desilting

Water pressure pipe network $p \leq 1 \text{ MPa}/10 \text{ bar}/145 \text{ psi}$
 Pipe diameter installation $\leq \text{DN } 50, 2''$

Disinfection of drinking water installations

Cleaning and preservation of radiators and area heating systems

Water temperature $5 - 35^\circ\text{C}$

Water flow $\leq 5 \text{ m}^3/\text{h}$

Operation of pneumatic tools

Operating pressure $p \leq 0.8 \text{ MPa}/8 \text{ bar}/116 \text{ psi}$

Suction rate $\leq 230 \text{ NI}/\text{min}$

REMS Multi-Push S – Flushing with water or a water/air mixture. Easy switching of the air supply during the flushing process when desilting. Permanent process monitoring. Logging. USB interface.

Universal use

Only **one** device for flushing with water or a water/air mixture, disinfection, cleaning, preservation of pipe systems, e.g. for desilting, cleaning and preservation of radiators and area heating systems, flushing and disinfection of drinking water installations in accordance with EN 806-4:2010 and for operating pneumatic tools.

Design

Powerful, compact, electronic flushing unit with oil-free compressor. Handy, easily portable, only 32 kg. Measuring and control devices for automatically running the flushing programs and for documenting the results. Safety devices for avoiding contamination of the pipe network by flow-back. Overpressure valve for pressure limiting. 5 µm condensation and particle filters. Large tubular steel frame as a compressed air tank. Two practical handles for easy carrying. Space-saving, folding handle grip for easy movement. Mobile tubular steel frame with two rubber-tyred wheels for easy transport and 2 rubber feet for firm standing. Connecting cable with integrated personal protection switch (PRCD). Captive seals for input and output of the REMS Multi-Push S to avoid contamination during transport and storage.

Compressor

Proven, powerful, oil-free piston compressor with crank drive, with capacitor motor 230 V, 1500 W. Pressure gauge for displaying the air pressure in the compressed air tank. Emergency stop button.

Hoses

Transparent Ø 1" suction/pressure hose, with fabric inlay, 1.5 m long, with 1" hose screw fittings, with caps, for flushing, disinfection, cleaning, preservation. Captive caps for the inputs and outputs of the hoses to avoid contamination during transport and storage. Connecting hose compressor/water connections, 0.6 m long, with quick coupling DN 7.2 and 1" hose screw fitting, 1" double nipple, for blowing out water remains from REMS Multi-Push S and suction/pressure hoses at the end of work.

Input and control unit

Easy desilting operation by buttons to switch over the air supply during the flushing process. Menu-guided input and menu-guided control for flushing drinking water installations according to EN 806-4:2010 with the possibility for the user to change the factory-set default values for adaptation to the applicable national safety provisions, rules and regulations for the application site. 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 × 64 pixels. Permanent process monitoring during the program sequences. USB port for USB stick or printer. The respective latest version software for the input and control unit is available via USB stick as a download under www.rems.de → Downloads → Software.

Patent EP 2 954 960



German Quality Product



Info

REMS Multi-Push S

Electronic flushing unit with compressor

Desilting and flushing

Buttons for easy switching of the air supply during the flushing process when desilting radiator and flat heater systems with the following possibilities: (1) without compressed air, (2) intermittent compressed air, (3) constant compressed air.

Flushing 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).

Disinfection

REMS V-Jet TW disinfection unit 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, as an accessory. REMS Peroxi Color, consisting of a 1 l bottle of REMS Peroxi dosing solution for disinfection of approx. 100 l line volume and 20 ml bottle of red REMS Color dye for dyeing the dosing solution for filling and wash-out check, pipette for checking the effectiveness of the dosing solution, as an accessory. Feeding of the disinfectant solution without additional dosing pump (Patent EP 2 954 960).

Cleaning and preservation

REMS V-Jet H cleaning and preservation unit for cleaning and preserving radiators and area heating systems, as an accessory. Cleaner, dyed green for filling and wash-out check and corrosion protection, dyed blue for filling check, for approx. 100 l line volume respectively, as an accessory. Feeding of cleaner and corrosion protection without additional dosing pump (Patent EP 2 954 960).

Operation of pneumatic tools

Connection for pneumatic tools up to an air requirement ≤ 230 NI/min, adjustable, for adaptation to the pneumatic tool being used. Pressure gauge for controlling the air pressure supplied by the compressed air tank. Pneumatic hose with quick coupling DN 7.2, as an accessory.

Logging

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



Supply format

REMS Multi-Push S Set. Electronic flushing unit with oil-free compressor. For flushing with water or a water/air mixture, disinfection, cleaning, preservation of pipe systems, e.g. for desilting, cleaning and preservation of radiators and area heating systems, flushing and disinfection of drinking water installations and for operation of pneumatic tools ≤ 230 NI/min. Input and control unit. Piston compressor with crank drive, capacitor motor 230 V, 50 Hz, 1,500 W, person circuit breaker (PRCD). Mobile tubular steel frame. Fastenings for water input and output of the REMS Multi-Push S. Two $\varnothing 1$ " suction/pressure hoses, with fabric inlay, 1.5 m long, with 1" hose screw fittings, with caps. Connecting hose compressor/water connections, 0.6 m long, with quick coupling DN 7.2 and 1" hose screw fitting, 1" double nipple, for blowing out water remains from REMS Multi-Push S and suction/pressure hoses at the end of work. Without disinfection unit, without cleaning and preservation unit. In a carton

Art.-No.
115810

Other voltages on request.



REMS Multi-Push S

Electronic flushing unit with compressor

Description	Art.-No.
Fine filter with fine filter cartridge 90 µm , washable, with large dirt collection vessel	115609
Fine filter cartridge 90 µm , for fine filter with fine filter cartridge 90 µm	043054
Compressed air hose Ø 14 mm , 1.5 m long, with quick couplings DN 7.2 (plug, socket), for connecting pneumatic tools	115621
Ø 1" suction/pressure hose , with fabric inlay, 1.5 m long, with G 1" screw fittings for flushing, disinfection, cleaning, preservation and pressure testing with water.	115633
Double nipple 1" , for connecting 2 suction/pressure hoses and blowing out the suction/pressure hoses	045159
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
Paper roll , pack of 5 for printer	090015
Case with inlays for printer, paper rolls and other accessories	115703
REMS V-Jet TW , disinfection unit for drinking water installations, for feeding dosing solution for disinfection	115602
REMS Peroxi Color , 1 l bottle of REMS Peroxi dosing solution for disinfection of approx. 100 l line volume, 20 ml bottle of red REMS Color dye for dyeing the dosing solution for filling and wash-out check, pipette for checking the effectiveness of the dosing solution.	115605
Test strips H₂O₂: 0–1,000 mg/l, pack of 100 , for checking the concentration of the disinfection solution	091072
Test strips H₂O₂: 0–50 mg/l, pack of 100 , for checking the complete flushing out of the disinfection solution after disinfection	091073
REMS V-Jet H , cleaning and preservation unit for radiators and area heating systems, for feeding cleaner and corrosion protection.	115612
REMS CleanH 1 l bottle of cleaner for radiators and area heating systems, dyed green for filling and wash-out check, for approx. 100 l line volume.	115607
REMS NoCor 1 l bottle of corrosion protection for preservation of radiators and area heating systems, dyed blue for filling check, for approx. 100 l line volume.	115608



REMS Multi-Push SL/SLW

Electronic flushing and pressure testing unit with compressor

Powerful, compact, electronic flushing and pressure testing unit with oil-free compressor. 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, as a pneumatic pump for controlled filling of all types of vessels with compressed air and for operation of pneumatic tools.

Flushing and desilting

Water pressure pipe network $p \leq 1 \text{ MPa}/10 \text{ bar}/145 \text{ psi}$

Pipe diameter installation $\leq \text{DN } 50, 2''$

Disinfection of drinking water installations

Cleaning and preservation of radiators and area heating systems

Water temperature $5 - 35^\circ\text{C}$

Water flow $\leq 5 \text{ m}^3/\text{h}$

Pressure test

with compressed air $p \leq 0.4 \text{ MPa}/4 \text{ bar}/58 \text{ psi}$

Pressure test with water $p \leq 1.8 \text{ MPa}/18 \text{ bar}/261 \text{ psi}$

Pneumatic pump for controlled filling of all types of vessels with compressed air $p \leq 0.8 \text{ MPa}/8 \text{ bar}/116 \text{ psi}$

Operation of pneumatic tools

Operating pressure $p \leq 0.8 \text{ MPa}/8 \text{ bar}/116 \text{ psi}$

Suction rate $\leq 230 \text{ NI}/\text{min}$

REMS Multi-Push SL/SLW – just one device with more than 10 automatically running flushing and pressure testing programs. Permanent process monitoring. Logging. USB interface.

Universal use

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 tyres and for operating pneumatic tools. (Patent EP 2 816 231).

Design

Powerful, compact, electronic flushing and pressure testing unit with oil-free compressor. Handy, easily portable, REMS Multi-Push SL only 37 kg, REMS Multi-Push SLW only 39 kg. Measuring and control devices for automatically running the flushing and test programs and for documenting the results. Safety devices for avoiding contamination of the pipe network by flow-back. Overpressure valves for pressure limiting. 5 μm condensation and particle filters. Large tubular steel frame as a compressed air tank. Two practical handles for easy carrying. Space-saving, folding handle grip for easy movement. Mobile tubular steel frame with two rubber-tyred wheels for easy transport and 2 rubber feet for firm standing. Connecting cable with integrated personal protection switch (PRCD). Captive seals for inputs and outputs of the REMS Multi-Push SL/SLW to avoid contamination during transport and storage.

REMS Multi-Push SLW additionally with hydro-pneumatic water pump for generating the necessary water pressure for hydrostatic pressure testing of pipe systems and vessels with water.

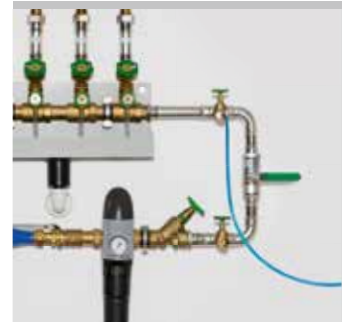
Compressor

Proven, powerful, oil-free piston compressor with crank drive, with capacitor motor 230V, 1500W. Pressure gauge for displaying the air pressure in the compressed air tank. Emergency stop button.

Hoses

Transparent $\text{Ø}1''$ suction/pressure hose, with fabric inlay, 1.5 m long, with 1" screw fittings, with caps, for flushing, disinfection, cleaning, preservation and pressure testing with water. High-pressure hose $\text{Ø}1/2''$, with fabric inlay, 1.5 m long, with 1/2" hose screw fittings, with caps, for pressure testing with water with REMS Multi-Push SLW. Captive caps for the inputs and outputs of the hoses to avoid contamination during transport and storage. Compressed air hose $\text{Ø}8 \text{ mm}$, 1.5 m long, with quick coupling DN 5 and 1/2" hose screw fitting, for pressure testing with compressed air. Compressed air hose $\text{Ø}8 \text{ mm}$, 1.5 m long, with quick coupling DN 5 (plug, socket) for gas testing with compressed air. Connecting hose compressor/water connections, 0.6 m long, with quick coupling DN 7.2 and 1" hose screw fitting, 1" double nipple, for blowing out water remains from REMS Multi-Push SL/SLW and suction/pressure hoses at the end of work.

Patent EP 2 816 231
Patent EP 2 954 960



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