

# Mobile unit E 428 for instruments for robotic-assisted surgery



⚠ Please read the Warning and Safety instructions in the Operating Instructions for your G 7836 or PG 8536 washer-disinfector carefully. You should only reprocess instruments/medical products in this mobile unit if they have been declared as suitable for machine reprocessing by the manufacturer. Please also observe the manufacturer's care instructions.

The E 428 mobile unit must only be operated with the **ROBOTVARIO** programme. This programme is not supplied as standard and must be programmed retrospectively into the Profitronic unit by Miele.

The mobile unit will be set up during commissioning by Miele. The coding must be matched when using automatic mobile unit recognition.

### Items supplied:

Basic unit E 428 with 6 holders for shafted instruments for robotic-assisted surgery, H 518, W 533, D 513 mm with holder for the magnetic strip for automatic mobile unit recognition.

### Optional accessories

Magnetic strip ML/2 for automatic mobile unit recognition

### Areas of application:

**Only** rigid 5 mm and 8 mm shafted instruments for da Vinci® IS 2000 and IS 3000 series surgery system robots can be reprocessed in the E 428 mobile unit using the ROBOTVARIO programme and Mucapur ROBOTVARIO cleaning agent.

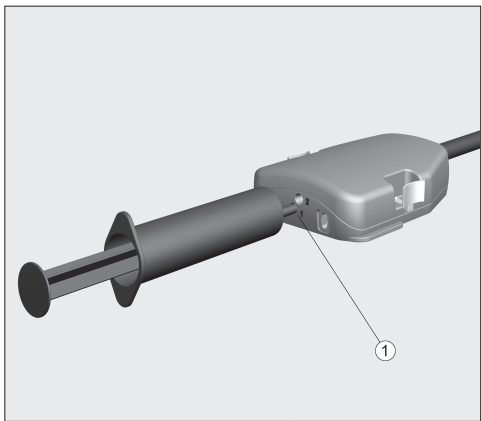
⚠ Additional items must not be placed in the mobile unit.

⚠ The instruments should only be reprocessed in a washer-disinfector designated for their sole use. This prevents residues from other disciplines getting into the lumen of the instruments.

### Manual pre-cleaning

⚠ Pre-treatment at the place of use as well as preparation for machine reprocessing must be carried out in accordance with the instrument manufacturer's instructions.

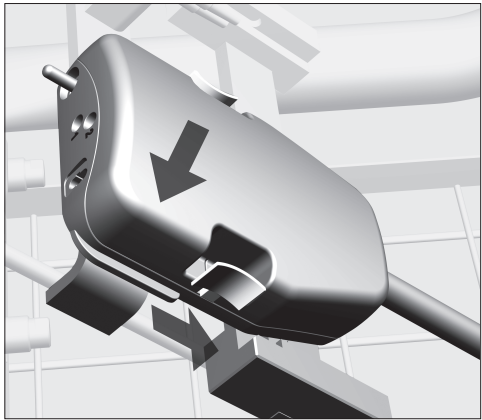
**In addition, immediately after arrival in the CSSD of instruments which have been filled with solution in the operating room:**



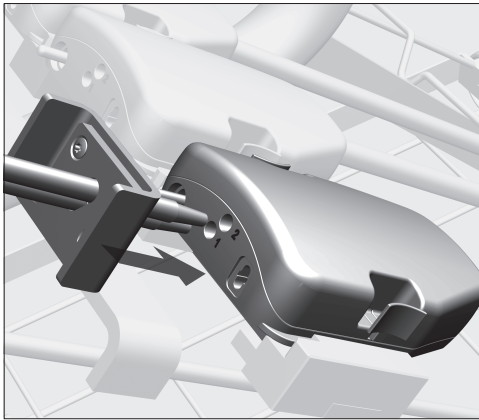
- Remove the solution from the instruments.
  - Refill the instruments with 3% Mucapur ROBOTVARIO solution and leave to take effect for 30 minutes.
- During this 30 minute activation time:
- Empty the Mucapur ROBOTVARIO solution out of the instruments and replace with fresh solution.
  - Wait for an activation time of 5 minutes.

- Repeat the procedure as described five times.
- After this prepare the instruments in accordance with the manufacturer's recommendations.

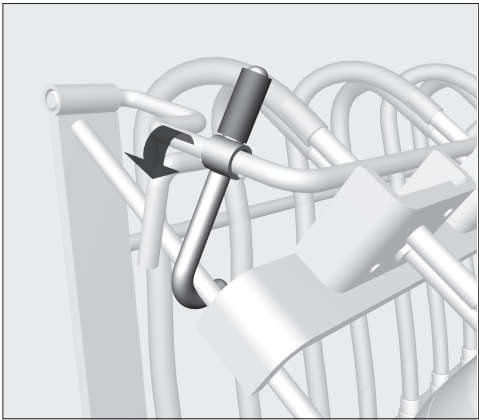
### Arranging and connecting the instruments



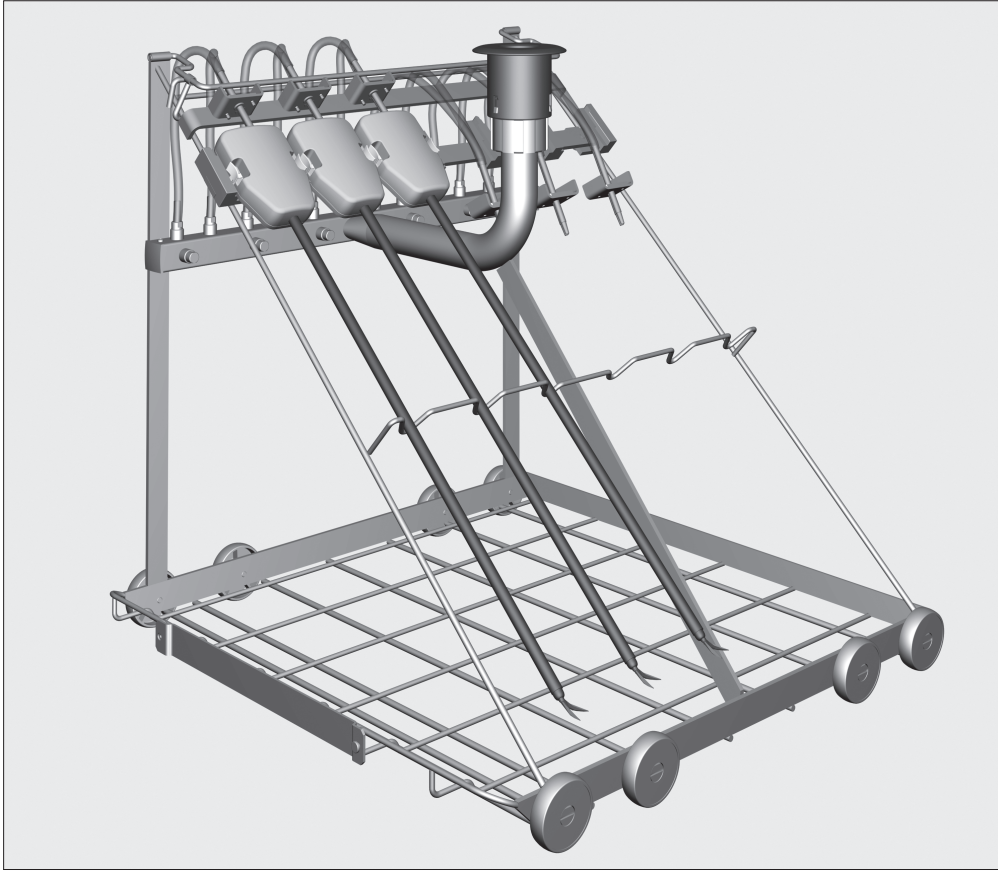
- Place the instrument into the holder from above. The shaft should be positioned between two studs.
- Open the functional end of the instrument.



- Plug the double pipe connection into the instrument's rinsing attachment.
- For 5 mm instruments, rinse port 3 on the shaft should not be connected.



- When all instruments have been loaded, move the connector retaining bar into position and secure it with the hooks.
- The retaining plates for the water connectors will be held in place by the bar. Any unused water connectors must also be positioned underneath the bar.



A visual check of the instruments, particularly the distal functional ends, to ensure that they appear clean, must be carried out before the instruments are arranged in the E 428 mobile unit.

**Before loading the machine and before starting a programme, please check that:**

the mobile unit is correctly fitted into the cabinet and that it has connected correctly with the water intake of the washer-disinfector.

Instruments which are not secured and connected with the retaining plates and bar cannot be reprocessed using the mobile unit. This mobile unit is only suitable for da Vinci® instruments. No other instruments may be reprocessed using it.

### Routine checks for consistency of cleaning performance

Instruments should be dismantled at random after their last operative use and machine reprocessing. Cap the Bowden cables at the sprocket and remove the distal functional part. Examine the inner distal cylinder, through which the Bowden cables pass to the functional end, under a microscope and use protein analysis for residual soil in accordance with current guidelines.