

Instructions for use

Cleaner, SuperCleaner, Polisher

With the Reuter electrolytes you clean and polish super fast in one step. The surface is then protected against corrosion. Immediately. The Cleaner is recommended as an electrolyte for cleaning slightly oxidised TIG welds, the SuperCleaner is suitable for heavily tarnished or oxidised welds. And the Polisher is used for polishing stainless steel surfaces, but is also ideal for all cleaning tasks.



- Please refer to the relevant safety data sheets and the processing instructions in the operating manuals for REUTER weld seam cleaning equipment before use.
- Cleaner, SuperCleaner and Polisher are phosphoric acid-based electrolytes for the electrochemical cleaning of stainless steel surfaces. All three products are suitable for cleaning weld seams and heat-affected zones. For applications where an additional electrochemical polishing effect is required, we recommend using our Polisher.
- First, fill the wide-neck container with Cleaner, SuperCleaner or Polisher to a level of approximately 15 to 25 mm. When using an Autofeed system, ensure that there is sufficient electrolyte in the reservoir. If the level falls below the required minimum, the device will indicate this with a warning signal.
- Immerse the carbon fibre brush completely in the electrolyte and then allow any excess liquid to drip off briefly. For devices with an Autofeed system, activate the 'Manual Feed' function before starting cleaning until sufficient electrolyte emerges from the carbon fibres and they are evenly saturated.
- Place the carbon fibre brush vertically on the workpiece surface and guide it over the weld seam with light pressure. Avoid applying excessive pressure, as this can impair cleaning performance. Move the brush slowly in small circular movements with a diameter of approximately 1 to 2 cm over the surface to be cleaned.
- Maximum cleaning effectiveness is achieved when the carbon fibres remain as vertical as possible to the workpiece surface throughout the process. Only in this position do the arcs necessary for the electrochemical cleaning process form at the tips of the carbon fibres. Depending on the condition of the weld seam, it may be necessary to treat the area several times. The required cleaning time is extended, particularly in the case of dark or heavily discoloured welds. For heavily oxidised welds, cleaning performance can be further enhanced by using SuperCleaner or Polisher.
- Once cleaning is complete, the treated surface must be neutralised. To do this, use our PRE&POST Cleaner or rinse the area thoroughly with fully demineralised water. Then dry the surface carefully with a white paper towel. This step prevents the formation of white residues or stains on the stainless steel surface.