

# Cleaning Guidelines for Specific Instruments



## SPECIFIC INSTRUMENTS

### Glassware

Place in a bath of warm (52 °C or 125 °F) Haemo-Sol solution for 10 minutes or longer, depending on the amount and kind of soil present. Make sure all dirty surfaces come in direct contact with the solution. Rinse thoroughly with tap water or distilled water. In difficult cases, brushing with a soft, wet brush sprinkled with Haemo-Sol powder is recommended. Rinse thoroughly and dry.

### Pipettes

Maintain a jar full of Haemo-Sol solution and completely immerse soiled pipettes immediately after use. After soaking, pipettes need only be rinsed thoroughly to be clean. Heavily soiled pipettes should be checked to ensure they are not solidly plugged, then placed in a jar or pipette washer with warm Haemo-Sol solution. Rinse thoroughly. Distilled water may be used if necessary.

### Rubber & Plastics

Immerse and soak in warm (52 °C or 125 °F) Haemo-Sol solution for 10 minutes or longer, depending on the amount and kind of soil present. Be sure the lumen of rubber and plastic tubing is completely filled with Haemo-Sol solution. Some types of clear plastic tubing will become white and opaque. Once the tubing is rinsed and the water is removed upon drying, the tubing will become transparent again.

### Metal Instruments

Immerse and soak in warm (52 °C or 125 °F) Haemo-Sol bath for 10 minutes or longer, depending on the amount and kind of soil present. Remove, rinse, and dry instruments once they appear clean. While Haemo-Sol itself does not corrode metals, leaving metal objects in water for extended periods of time may cause them to rust and corrode. Because of the sensitivity of aluminum to water in the presence of surface active materials, aluminum equipment should not be soaked in Haemo-Sol solution.

### Syringes & Immovable Syringes

Immediately after use, draw Haemo-Sol solution into the syringe, expel, disengage syringe and needle, remove plunger, and immerse and soak parts in Haemo-Sol solution. When convenient, rinse thoroughly.

For badly soiled syringes, or syringes that were not pre-soaked, soak in Haemo-Sol bath for 10 minutes or longer if needed.

Immovable syringes should be immersed and soaked in warm Haemo-Sol solution until the Haemo-Sol has penetrated the entire ground glass surface. This usually takes 10-20 minutes, but may take longer in difficult cases. Remove syringe from Haemo-Sol bath and pull firmly with a slight twisting motion. If parts are not freed immediately, return syringe to the Haemo-Sol solution for further soaking.