

# MAP Sterilization Guide

Operation	Operating mode	Warning	First use	Following uses
Manual cleaning or assisted by an ultrasonic device	<ul style="list-style-type: none"> <li>Place the devices in a kit, box or container to avoid any contact between instruments.</li> <li>Immerse in the disinfecting solution with cleaning properties, assisted by an ultrasonic device if suitable.</li> </ul>	<ul style="list-style-type: none"> <li>No visible impurities should be observed on the instruments.</li> <li>Discard any instruments with large obvious defects (broken, bent, and twisted).</li> <li>Follow instructions and observe concentrations and time given by the manufacturer (see general recommendations under section 7).</li> <li>The disinfecting solution should be aldehyde free and without di- or triethanolamines as corrosion inhibitor.</li> </ul>	×	×
Rinsing	<ul style="list-style-type: none"> <li>Abundant rinsing (at least 1 min)</li> </ul>	<ul style="list-style-type: none"> <li>Use quality water in accordance with local regulations.</li> <li>If a disinfecting solution contains a corrosion inhibitor, it is recommended to rinse the instruments just before the autoclaving.</li> <li>Dry on a single use non-woven cloth, or with a drying machine or filtered compressed air.</li> </ul>	×	×
Inspection	<ul style="list-style-type: none"> <li>Inspect devices and sort out those with defects.</li> <li>Assemble the devices (stops)</li> </ul>	<ul style="list-style-type: none"> <li>Dirty instruments must be cleaned and disinfected again.</li> <li>Discard instruments which show any deformations (bent, twisted), damages (broken, corroded) or defects (loss of color coding or marking) affecting the resistance, the safety or the performance of the instrument.</li> </ul>	×	×
Packaging	<ul style="list-style-type: none"> <li>Place the devices in a kit, box or container to avoid any contact between instruments and pack the devices in "Sterilization pouches".</li> </ul>	<ul style="list-style-type: none"> <li>Check the validity period of the pouch given by the manufacturer to determine the shelf life.</li> <li>Use packaging which are resistant up to a temperature of 141°C (286°F) and in accordance with EN ISO 11607.</li> </ul>	×	×
Sterilization	<ul style="list-style-type: none"> <li>Steam sterilization at: 134 °C / 273°F during 18 min. at 2, 1 bar.</li> <li>Check the success of the sterilisable cycle (use physico-chemical indicator for each performed cycle.)</li> </ul>	<ul style="list-style-type: none"> <li>The instruments, posts and the plastic supports must be sterilized according to the packaging labelling.</li> <li>Use only autoclaves that are matching the requirements of EN 13060, EN 285.</li> <li>The sterilization protocol has been validated by Produits Dentaires SA according to EN ISO 17665.</li> <li>Respect the maintenance procedure of the autoclave device given by the manufacturer.</li> <li>Use only this recommended sterilization procedure.</li> <li>Control the efficiency (packaging integrity, no humidity, color change of sterilization indicators, physico-chemical integrators, digital records of cycles parameters).</li> <li>Traceability of procedure records.</li> </ul>	×	×
Storage	<ul style="list-style-type: none"> <li>Keep devices in sterilization packaging in a dry and clean environment</li> </ul>	<ul style="list-style-type: none"> <li>Sterility cannot be guaranteed if packaging is open, damaged or wet.</li> <li>Check the packaging and the medical devices before using them (packaging integrity, no humidity and validity period).</li> </ul>	×	×