



CARE, CLEANING AND MAINTENANCE OF ORTHO SHOP INSTRUMENTS

Instrument Sterilization:

- Inspect, clean, and sterilize before each use.
- Use a steam sterilizer for at least 4 minutes at 270F / 132C or 30 minutes at 250F / 121C.
- Hinged instruments must be cleaned and sterilized in the open position.
- Clean instruments thoroughly with an enzymatic solution, rinse and dry them before sterilizing.
- Remove instruments immediately when the cycle is complete to avoid possible signs of corrosion or discoloration. Never mix a corroded instrument with new instruments.
- Do not use abrasive cleaners or brushes with hard bristles on instruments, as this will spoil the surface finish. This may cause discoloration, rusting, or pitting later.
- Ensure all instruments are thoroughly dried before being stored.
- It is recommended that sterilization temperatures should not exceed 280F (137C)
- Do not use corrosive cleaning agents. We recommend cleaning solutions and rinses with pH 7.0.
- Use distilled water for rinsing only. Water with chloride content may damage or even destroy the instruments.
- Do not leave instruments in cleaning or disinfecting solutions for long periods such as overnight or the weekend as the instruments can be destroyed.
- Check the hardness of the water used in the autoclave, hard water will leave a deposit on the instruments.
- If a water softener is used ensure it is at the manufacturer's recommended level. Too much may cause discoloration or pitting.

Ultrasonic Cleaning:

- Ultrasonic cleaning of cutting pliers is not recommended as this can dull or damage cutters. If ultrasonic cleaning is chosen, follow the equipment manufacturer's recommended immersion schedule.

Lubrication:

- Always lubricate after sterilization if needed.
- One drop or a light spray is sufficient.
- Wipe off excess lubricant.



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