

## Sterilization Processing Instructions for Instrument Case/Tray Systems

Sontec has designed instrument case and tray systems to be compatible with the manufacturer's instructions for these sterilization processes:

- Steam Autoclaves
- Sterrad
- ETO

To maintain sterility, the instrument sterilization case should be enclosed in a FDA approved sterilization wrap, pouch or rigid sterilization container, prior to the sterilization process.

### General Instructions

1. **Steam Autoclaves:** Follow your manufacturer's recommended processing instructions and ensure that these recommendations (flash cycles are not recommended). The instrument cases and trays should be dry at the end of the recommended drying cycle if:

- The instrument system exceeds the 16-18 lbs. weight limit
- The instrument system contains plastic instruments or devices that produce additional moisture requiring additional drying time.

2. **Sterrad:** Follow the manufacturer's recommended processing instructions and ensure that these recommendations are consistent with the surgical instruments manufacturer's processing recommendations. The large number of surface perforations in Sontec's case and tray systems provide the fluid dynamics required for successful sterilization utilizing the Sterrad process. Failure can occur if:

- The instrument or contents of the system are "wet". It is important to dry all instruments and contents of the system before processing.

3. **ETO:** Follow your manufacturers recommended processing instructions and ensure that these recom-

mendations are consistent with the surgical instruments manufacturer's processing recommendations. The large number of surface perforations in Sontec's case and tray systems provide the fluid dynamics required for successful sterilization utilizing the ETO process. Failure can occur if:

- The instruments or contents of the system are "wet". It is important to dry all instruments and contents of the system before processing.

**Note:** Sontec trays require an aluminum safe, neutral pH detergent to avoid faded surface colors and deterioration of the anodized surface.

