

Table-Top Steam Sterilizer Checklist

- Sterilizers must be capable of sterilizing the type of instruments that are used in each setting.
- The supplier's claims should be evidenced in the manufacturer's written material.
- Sterilizers must be installed, used and continuously maintained in accordance with manufacturer's instructions.
- Sterilization cycles must be monitored with physical, biological and chemical monitors and the results of monitoring must be documented.

The checklist below may be useful when choosing a new sterilizer. Table-top sterilizers should meet the following criteria:

| Criteria Met? | | Criteria | Comments |
|--|--------------------------|---|----------|
| Yes | No | | |
| <u>Prior to Considering Purchase:</u> | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | Has an assessment been done to determine that the sterilizer is required? For example it may be more cost effective to use single use (disposable) instruments or equipment instead of reusable. | |
| <input type="checkbox"/> | <input type="checkbox"/> | Is it possible to send reusable instruments or equipment requiring sterilization to an offsite third party medical device reprocessing provider that complies with recognized reprocessing standards? | |
| <u>Sterilizer:</u> | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | The sterilizer has a printer/data logger to document a permanent record of physical parameters (time/temperature/pressure) plus sterilizer identification, date, time and load number for each cycle. | |
| <input type="checkbox"/> | <input type="checkbox"/> | The sterilizer uses a dynamic air removal cycle, also known as a 'steam flush pressure pulse' or a 'pre-vacuum' system. This method of air removal is important when if reprocessing complex instruments (e.g. dental hand pieces, textiles, lumened or wrapped items). | |
| <input type="checkbox"/> | <input type="checkbox"/> | The sterilizer has a Health Canada medical device license. | |
| <u>The sterilizer manufacturer supplies the following information in writing:</u> | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | Statement of the sterilizer's ability to sterilize the proposed medical devices (e.g. lumened instruments, hollow instruments, textiles, power tools, dental hand pieces, wrapped sets of instruments). A summary of documentation is supplied to validate the claim. | |
| <input type="checkbox"/> | <input type="checkbox"/> | Statement of any unique requirements for installation and maintenance of the sterilizer. These may include operational constraints specific to altitude (e.g. Calgary is at approximately 3500 feet elevation; Ft. McMurray is at approximately 1213 feet elevation) and water supply (e.g. reservoir, potable, treated water). | |
| <input type="checkbox"/> | <input type="checkbox"/> | Recommended sterility assurance monitoring: | |
| <input type="checkbox"/> | <input type="checkbox"/> | a. Appropriate biological and chemical monitors. | |
| <input type="checkbox"/> | <input type="checkbox"/> | b. Appropriate Class II (Bowie-Dick) chemical indicator for dynamic air removal sterilizers. | |
| <input type="checkbox"/> | <input type="checkbox"/> | Recommended preventive maintenance and care procedures and schedules for sterilizer. | |
| <input type="checkbox"/> | <input type="checkbox"/> | Qualifications of technical service providers. | |