

Feature Comparison

RapidHeat™ and Steam Sterilizers

| FEATURE | RapidHeat™ | Steam Sterilizers |
|--|---|--|
| Start to Finish Cycle (Includes Pre-heat and Drying Cycles) | 12-20 Minutes | 61-116 Minutes |
| Sterilizer Operation and Mechanical Complexity | Simple | Complex |
| Electrical Requirements | 110V-220V | 110-220V |
| Water/Steam Requirements | No | Yes |
| Instrument Thermal Compatibility | > 95% | > 95% |
| FDA 510(k) Pre-Market Approved | Yes | Yes |
| Treatment Cycles Documented and Stored | Yes | Yes |
| Instrument Drying Cycle Required | No | Yes |
| Potential for Instrument Corrosion from Process | Low | High |
| Toxicity of Sterilization Process (Toxic Residues) | None | Low (With No Water Additives) |
| Sustainability Factors | Energy Consumption <10% of Steam Sterilization; No Water Required | Highly Energy Dependent; Purified Water Required |

Cost Comparison

RapidHeat™ and Steam Sterilizers

| ANNUAL OPERATING COST | RapidHeat™ | Steam Sterilizers |
|--------------------------|----------------|-------------------|
| Useful Life Depreciation | \$650 | \$929 |
| Labor Cost – Operating | \$313 | \$625 |
| Energy & Water | \$15 | \$200 |
| Instrument Replacement | \$0 | \$2,300 |
| Maintenance/Repair | \$150 | \$3,100 |
| Supplies & Testing | \$2,468 | \$1,868 |
| TOTAL ANNUAL COST | \$3,596 | \$9,022 |

| ASSUMPTIONS | RapidHeat™ | Steam Sterilizers |
|------------------------|--|--|
| Useful Life | 10 years | 7 years |
| Direct Labor | 3 min/cycle | 6 min/cycle |
| Energy/Water | 85% less Energy | 50-gal water/yr |
| Instrument Replacement | None | Pitting & Corrosion |
| Maintenance/Repair | Minimal | 80 Hours/Year |
| Supplies & Testing | FDA Pouches, Indicators (chemical & biological) | FDA Pouches, Indicators (chemical & biological) |