

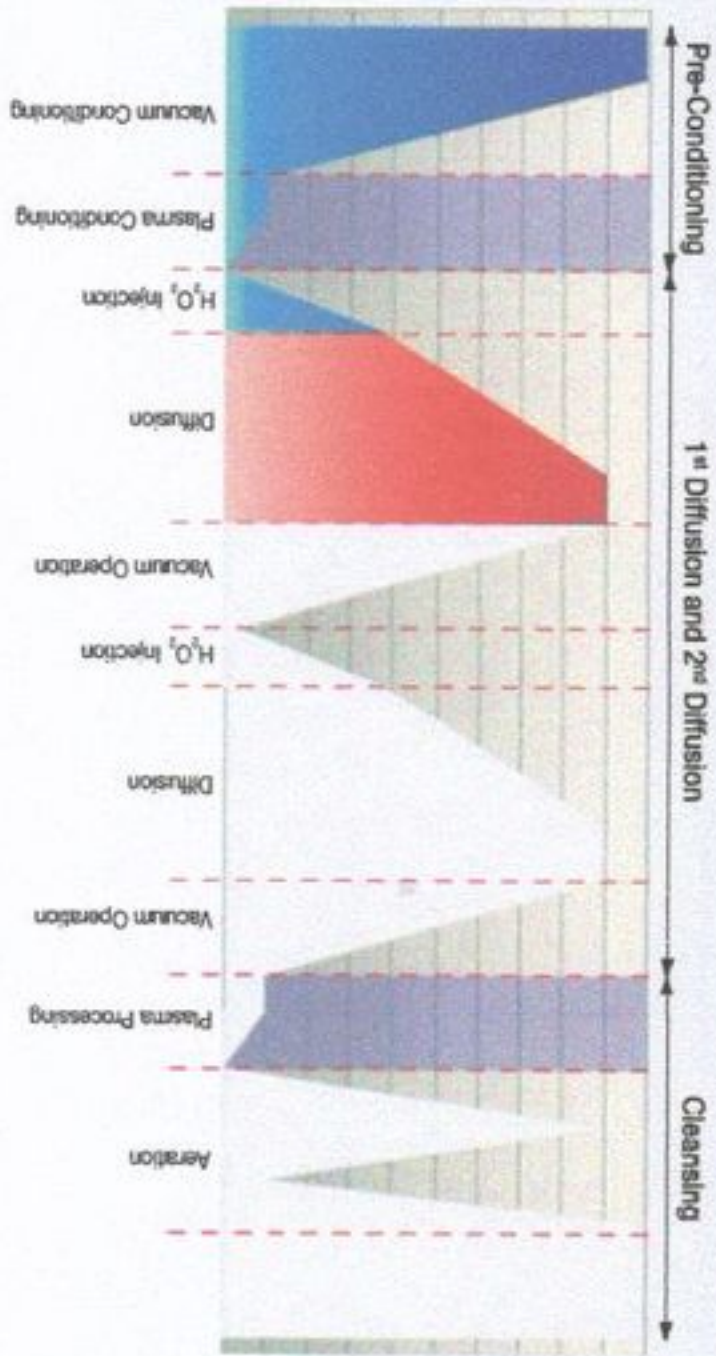
# STERICOOL plus



## Intuitive GUI

Sterilization process is displayed graphically on a 7" colour touchscreen display. Sterilization programs, stages, duration, vacuum pressure, in chamber temperature and Steriart usage data are displayed in real time.

During installation and maintenance calibration (ch functionally diagnostic tools can be accessed via a password entry).



### Pre-Conditioning

The Sterilization Process requires a vacuum. The Chamber is held in vacuum to provide an optimal sterilization environment.

### Plasma Conditioning

The Chamber is pre-conditioned with plasma-drying to remove moisture, and enable homogeneous heat distribution.

### Hydrogen Peroxide Injection

Previously conditioned hydrogen peroxide vapor injected into the sterilization cell as a sterilization agent.

### 1<sup>st</sup> Diffusion

The hydrogen peroxide vapor diffuses homogeneously inside the sterilization cell. Diffusion ends with a vacuum process.

### 2<sup>nd</sup> Diffusion

Second hydrogen peroxide injection and diffusion operation repeated to satisfy 10<sup>-6</sup> SAL validation.

### Cleansing

Further applied plasma operation at low vacuum, ensures no hydrogen peroxide residues left within the sterilization load.

### Optional Aeration

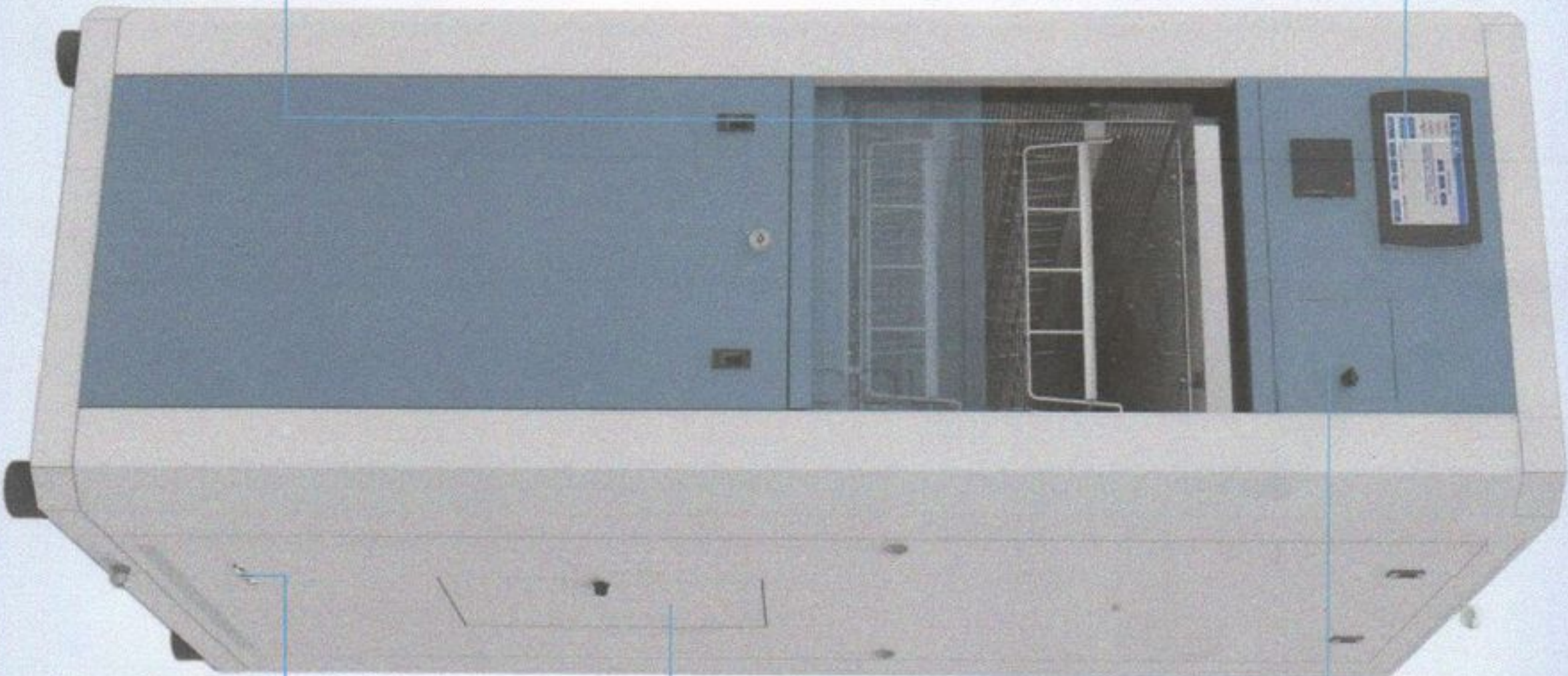
Sterilization cell injected with purified dry air before vacuum operation to provide cleansing.

## Our Patented Dual-Mode Injector Technology

Our dual mode injector technology provides users more flexibility of programs to protect your medical devices better and provide increased sterilization efficiency at the same time.

## State of the Art RF Plasma Technology

The homogeneous plasma distribution protects sensitive medical equipments and thus offers many advantages against uneven electrical arc plasma utilized by competitors which causes aging of medical equipment.



## User Friendly Pre-defined Sterilization Programs

Stericool units feature three key, automated sterilization programs for flexibility. One-button operation increases user productivity. The Fast Program (P1) provides shortened sterilization time for easy to sterilize large surface sterilization loads. The Standard Program (P2) is designed to handle Single Channel Reusable Luminaires/Endoscopes. The Advanced Program (P3) is designed to sterilize general surgical instruments. Customer specific re-programming is also provided under user access level password protection. In case of an operational error, sterilization cycle is aborted systematically and an audiovisual alarm with an onscreen diagnostics read out is provided. The device management software is designed to remind the user of imminent service expiration, run self-diagnostics.

## Intelligent System Management

In case of an operational error, sterilization cycle is aborted systematically and an audiovisual alarm with an onscreen diagnostic read out is provided. Stericool's intelligent system management software constantly monitors the device performance and all cycle parameters (pressure, temperature, vacuum-level, plasma and sterilant concentration) and keeps the user informed on incoming procedures and system errors. Its resident self diagnostic programs provide guidance on easy error correction and provides notice on imminent service expiration. Stericool range can store up to 12 years of log of all activities, transferable via USB, SD memory card or TCP/IP network.



## Front-loaded Automatic Cassette (Cartridge) Bay

The front-loaded option with an automated H2O2 extractive, which requires minimal manual manipulation by the operator is available as a built option. It accommodates 2400ml containers which lasts approximately 20 sterilization cycles in 190L units and 24 cycles on 110L unit.

Our patented injector technology enables us to use minimum sterilant at maximum efficiency.



## Side-Loaded Cassette (Cartridge) Compartment

Stericool utilizes purified 59% wt concentration Hydrogen Peroxide in 4500ml containers which are authenticated with internal barcode scanner. Stericool's efficient use of consumables means that each sterilization operation is economical enough to endorse the sterilization of a single medical utensil.

## Data Logging, Interoperability

Sterilization process validation logs may be transferred via SD memory card, USB connection or by Ethernet TCP/IP connections to any LAN or WAN network such as the Internet.



The brochure applies to Stericool 110A and 160A fit range with Serial Number higher than A1306062 manufactured after August 2013