

Our models and their specifications are given below:

PLUSMA SERIES LOW TEMPERATURE H2O2 PLASMA STERILIZERS

	MODELS					
SPECIFICATIONS	PLUSMA 30	PLUSMA 40	PLUSMA 50	PLUSMA 100	PLUSMA 120	PLUSMA 150
ORDER NO	521001 – SINGLE DOOR	521002 – SINGLE DOOR	521003 – SINGLE DOOR	521004 – SINGLE DOOR	521005 – SINGLE DOOR	521007 – SINGLE DOOR
					521006 – DOUBLE DOOR	521008 – DOUBLE DOOR
STERILIZING AGENT	59% w/w H2O2 (OPTIONAL 50% w/w H2O2 AVAILABLE) IN RFID SECURED & FOUR VALVE SAFETY TANKS					
TANK CAPACITY	40 CYCLES	40 CYCLES	40 CYCLES	25 CYCLES	20 CYCLES	15 CYCLES
LUMEN CLAIMS	RIGID & FLEXIBLE LUMENS, ENDOSCOPES					
BY PRODUCTS	OXYGEN & WATER					
QUICK CYCLE	20±5 MIN	25±5 MIN	25±5 MIN	25±5 MIN	30±5 MIN	40±5 MIN
STANDARD CYCLE	30±5 MIN	35±5 MIN	35±5 MIN	35±5 MIN	40±5 MIN	50±5 MIN
SPECIAL CYCLE	40±5 MIN	45±5 MIN	45±5 MIN	45±5 MIN	50±5 MIN	60±5 MIN
VOLUME TOTAL	33 L	40 L	50 L	100 L	130 L	150 L
VOLUME NET	28 L	36 L	46 L	90 L	117 L	136 L
CHAMBER DIMENSIONS	260X590X220 MM.	300X640X220 MM.	320X708X230 MM	Ø 420X740 MM.	420X778X400 MM.	450X760X450 MM.
CHAMBER SHAPE	RECTANGULAR	RECTANGULAR	RECTANGULAR	ROUND	RECTANGULAR	RECTANGULAR
CONTROL SYSTEM	MICROPROCESSOR & WINDOWS CE EMBEDDED					
CONFIGURATION	TAPLE TOP	TAPLE TOP	TAPLE TOP	SELF STANDING	SELF STANDING	SELF STANDING
MOBILITY	WITH CART	WITH CART	WITH CART	CASTORS	CASTORS	CASTORS
DOOR SYSTEM	MANUAL ELECTRICAL INTERLOCKED					VERTICAL SLIDING
CART USAGE	2 X SHELF	1 X SHELF 1 X DRAWER	1 X SHELF 1 X DRAWER	N/A	N/A	N/A
LOADING SYSTEM	ALL IN ONE BASKET TRAY	ALL IN ONE BASKET TRAY	2 LEVEL SHELF	ALL IN ONE BASKET TRAY	2 LEVEL SHELF	2 LEVEL SHELF
WEIGHT	90 KG	140 KG	150 KG	250 KG	300 KG	350 KG
POWER	1600 W	1600 W	2400 W	4200 W	4500 W	3000 W
POWER REQUIREMENTS	110/220 V, 50/60 HZ, 1 PHASE					



TURKUJAZ BIYOMEDİKAL TEKNOLOJİLER VE SAĞLIK HİZMETLERİ SAN. TİC. LTD. ŞTİ.
Kazım Özalp Mah. Hafta Sok. No:23/2 06610 Cankaya / ANKARA / TURKEY
Tel: +90 850 840 8 828 Fax: +90 312 911 25 28 info@tbtmedical.com - www.tbtmedical.com

This document is intended for the use of partners of TURQUOISE BIOMEDICAL TECHNOLOGIES Inc. Reproduction in whole or in part by any other party is prohibited. TBT specifications are given for reference only and are subject to change without any previous notice. Accessory/Product images are for illustrative purposes only. rev. EN 001-2019 © 2016, TBT Inc. All rights reserved.



PLUSMA

Low Temperature H2O2 Plasma Sterilizers

www.tbtmedical.com

Cold sterilization solutions for all sensitive instruments

PLUSMA series low temperature H₂O₂ plasma sterilizers are designed in order to offer medical professional a time and money saving option for reusable heat & moisture sensitive materials. PLUSMA series combine green approach by replacing high risk chemicals in clinics, with safety in all phases by having only water and oxygen as residue. The fast cycle times specialized for different material types reduce financial burden on clinics by number of medical devices need to be stored while waiting for sterilization process to get finalized.

PLUSMA series are on the service of dentists', doctors' and medical professionals who are active in sterilization process with various capacity needs. You can always combine your PLUSMA series low temperature H₂O₂ plasma sterilizers with PLUSAFE series of disposables such as SMS wrapping papers, indicators and Tyvek® rolls.

PLUSMA series low temperature H₂O₂ plasma sterilizers have critical advantages which make life easy for operators & service while enabling various options on process flow design:



- Rapid warming & drying fan system for reducing humidity related problems, residual moisture and cold points inside chamber



- 7" color LCD touch screen with user friendly software



- Movable cart with shelf and/or drawer at table top models



- Auto interlock & opening door system (except PLUSMA 150 Series)



- Built in thermal printer with several print modes



- Multi-cycle sterilizing agent tank with extended safety features and RFID system for traceability

- Da Vinci scope sterilization is available (tested by SMP / Germany – official partner for Da Vinci Scope Validation)

- Plug and play installation with close to zero consumption at stand-by and off duty

- Multi-level safety login function to manage users with access

- Auto alarm system for preventative maintenance

- USB port for downloading history or remote control

- Ethernet port through USB port on demand

- Castors for easy moving of units

- Self-diagnostic features

Modern requirements in a CSSD need a pass-through (septic-aseptic) model in order to form a sterile barrier. PLUSMA 150 and PLUSMA 120 series are available on pass through door formation. PLUSMA 120 series offer manual opening door with electrical lock system. PLUSMA 150 series have automatic sliding door which is equipped with a safety sensor. It is also possible to open and close the sliding door through a foot sensor for operational ease.

Ventilation phase at the end of cycles to ensure that no H₂O₂ is left inside chamber when the cycle is complete. That assures the sterilized materials are not risking in any case the patients. The ventilation phase approach provides a proactive method to solve residual H₂O₂ issues and removes the need of additional systems or monitoring from the system.



PLUSMA 30



PLUSMA 40



PLUSMA 50



PLUSMA 100



PLUSMA 120



PLUSMA 150