

SonaStar® Ultrasonic Surgical Aspiration System

Sterilization Instructions (Handpiece Assembled)*



SonaStar® FLV Model Handpieces (with *gray* aspiration port)

	132°-137°C (270-279°F)	132°-137°C (270-279°F)	134-137°C (274-279°F)	134-137°C (274-279°F)
Sterilization Method	Moist Heat (Autoclave)	Moist Heat (Autoclave)	Moist Heat (Autoclave)	Moist Heat (Autoclave)
Configuration	Items placed in Misonix Sterilization Tray (MXA-TRAY or MXA-TRAY-2) (*Handpiece assembled with probe and tubeset)	Items wrapped, NO TRAY ¹ (*Handpiece assembled with probe and tubeset)	Items wrapped, NO TRAY ¹ (*Handpiece assembled with probe and tubeset)	Items wrapped, NO TRAY ¹ (*Handpiece assembled with probe and tubeset)
Cycle	Prevacuum (Dynamic Air Removal)	Prevacuum (Dynamic Air Removal)	Prevacuum (Dynamic Air Removal)	GRAVITY
Preconditioning Pulses	4	3	3	N/A
Minimum Exposure Time	30 minutes*	12 minutes*	8 minutes*	40 minutes*
Minimum Dry Time	30 minutes	5 minutes	5 minutes	5 minutes
Nelson Sterilization Validation	814495	291416	291416	291416

SonaStar® FHF Model Handpieces (with *blue* aspiration port)

	132°-137°C (270-279°F)	132°-137°C (270-279°F)	134-137°C (274-279°F)	134-137°C (274-279°F)
Sterilization Method	Moist Heat (Autoclave)	Moist Heat (Autoclave)	Moist Heat (Autoclave)	Moist Heat (Autoclave)
Configuration	Items placed in Misonix Sterilization Tray (MXA-TRAY or MXA-TRAY-2) ² (*Handpiece assembled with probe and tubeset)	Items wrapped, NO TRAY ¹ (Handpiece assembled with probe and tubeset*)	Items wrapped, NO TRAY ¹ (*Handpiece assembled with probe and tubeset)	Items wrapped, NO TRAY ¹ (*Handpiece assembled with probe and tubeset)
Cycle	Prevacuum (Dynamic Air Removal)	Prevacuum (Dynamic Air Removal)	Prevacuum (Dynamic Air Removal)	GRAVITY
Preconditioning Pulses	4	3	3	N/A
Minimum Exposure Time	30 minutes*	12 minutes*	8 minutes*	40 minutes*
Minimum Dry Time	30 minutes	5 minutes	5 minutes	5 minutes
Nelson Sterilization Validation	814495	291416	291416	291416

¹NO TRAY. Wrapped in Kimberly Clark KC300 or KC600 KIMGUARD sterilization wrap.

²Tray wrapped in Kimberly Clark KC300 KIMGUARD sterilization wrap.

*For sterilizing a Curved Extended (CE) or Short Straight (SS) handpiece in a ASSEMBLED condition, the probe and housing should be assembled to the handpiece; In addition, the tube set must be removed from the handpiece, and the housing of the CE handpiece must be gapped (pulled apart) between the silicone elbow and Housing tip assembly to allow proper sterilization. **Note:** Exposure time can be increased up to a maximum of 18 minutes to comply with local requirements and/or recommendations of the World Health Organization (WHO), Robert Koch Institute (RKI), etc. Misonix Inc. reusable medical devices are able to sustain such sterilization cycles.