

Sterilization Parameters



Power Instruments & Couplers



Gravity-Displacement Steam

Air is displaced by steam with gravity as the force pushing the air out.

	INSTRUMENT ONLY	IN STERILIZATION CASE
EXPOSURE TIME	30 minutes full cycle	35 minutes full cycle
EXPOSURE TEMPERATURE	270-275 °F (132-135 °C)	270-275 °F (132-135 °C)
MINIMUM DRY TIME	8 minutes	60 minutes
MATERIALS	Single wrap	Double wrap

Pre-Vac Steam

Mechanical removal of air from chamber and packs.

	INSTRUMENT ONLY		IN STERILIZATION CASE	
	Option #1	Option #2	Option #1	Option #2
EXPOSURE TIME	3 minutes full cycle	4 minutes full cycle	3 minutes full cycle	4 minutes full cycle
EXPOSURE TEMPERATURE	273-279 °F (134-137 °C)	270-275 °F (132-135 °C)	273-279 °F (134-137 °C)	270-275 °F (132-135 °C)
MINIMUM DRY TIME	8 minutes		45 minutes	
MATERIALS	Single wrap		Double wrap	

- Flash sterilization is not recommended for powered surgical instruments.
- Ethylene Oxide sterilization NOT recommended for powered surgical instruments because lengthy aeration time is needed to assure that no ethylene oxide is left in the internal mechanisms or on the surface of the instrument.
- Sterrad® sterilization is not recommended for powered surgical instruments. Sterrad® systems use concentrated hydrogen peroxide that will strip some of the metal surfaces throughout the handpiece.

Sterilization Parameters

MICROAIRE®
For Surgery. For Life.™

NiMH Battery Packs

Always place battery in separate autoclave case, do not sterilize with instruments.

Sterrad

Low-temperature, hydrogen peroxide gas plasma technology.



	100	NX
	BATTERY ONLY	
EXPOSURE TIME	44 minute full cycle	28 minute full cycle
MATERIALS	Single wrapping in a standard central supply wrap	

Gravity-Displacement Steam

Air is displaced by steam with gravity as the force pushing the air out.

	BATTERY ONLY
EXPOSURE TIME	3 minute full cycle
EXPOSURE TEMPERATURE	270-279 °F (132-137 °C)
MINIMUM DRY TIME	No dry time
MATERIALS	No wrapping

Pre-Vac Steam (or Midmark® M11/M9 Autoclaves)

Mechanical removal of air from chamber and packs.

	BATTERY ONLY
EXPOSURE TIME	4 minute full cycle
EXPOSURE TEMPERATURE	270-279 °F (132-137 °C)
MINIMUM DRY TIME	No dry time
MATERIALS	Single wrapping in a standard central supply wrap or no wrapping