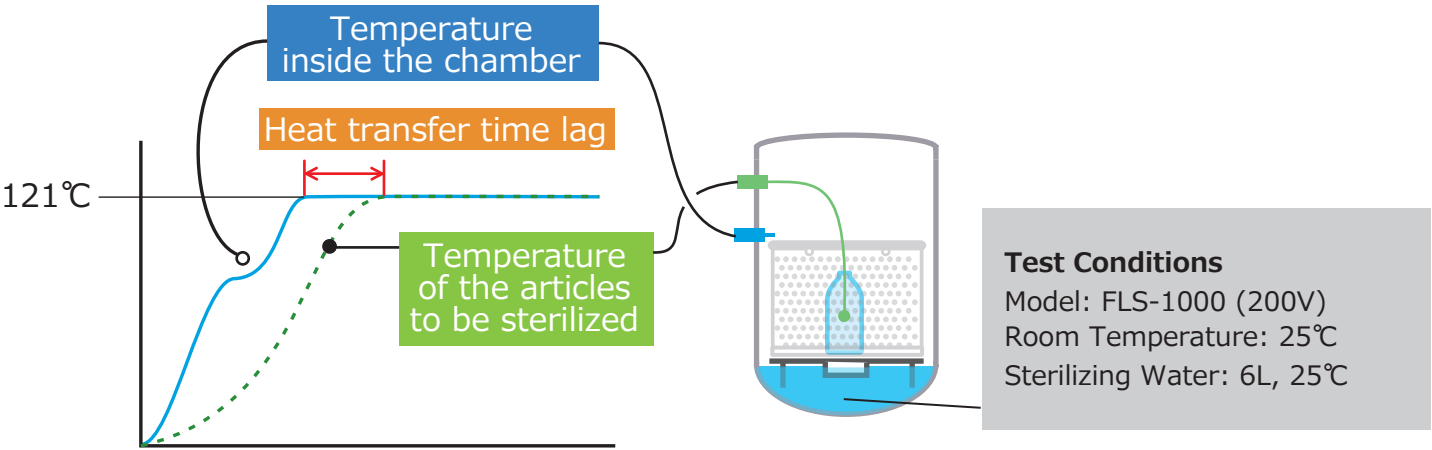
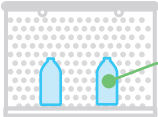
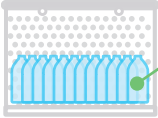
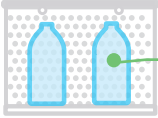
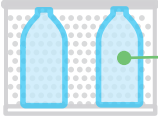
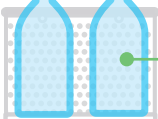
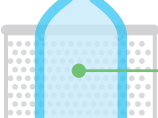


Heat Transfer Time Lag test data* for FLS-1000



Test Conditions
Model: FLS-1000 (200V)
Room Temperature: 25°C
Sterilizing Water: 6L, 25°C

Bottle capacity (Filled same amount of water)	Quantity	Time to reach 121°C		
		Temperature of the articles to be sterilized	Temperature inside the chamber	Heat transfer time lag
500mL	2pcs	 45min.	33min.	12min.
500mL	17pcs	 59min.	48min.	11min.**
1,000mL	2pcs	 52min.	35min.	17min.
2,000mL	2pcs	 64min.	36min.	28min.
5,000mL	2pcs	 92min.	47min.	45min.
10,000mL	1pc	 111min.	44min.	67min.

* The listed data are in-house measurements and not guaranteed values. The values depend on conditions (water temperature, ambient temperature, air conditioning, voltage fluctuations, etc.) and should be used as reference only.

**When loading a lot of the articles in the chamber, it takes a long time to rise the temperature of the articles, but heat transfer time lag will be shorter because the temperature inside the chamber will also gently rise.

Sterilization setting time = Sterilization time + Heat transfer time lag

e.g. Sterilize 121°C, 20min, 500mL bottle (filled 500mL water) × 2 pcs
→Sterilization setting time: 32 min (Sterilization time: 20 min + Heat transfer time lag: 12 min)