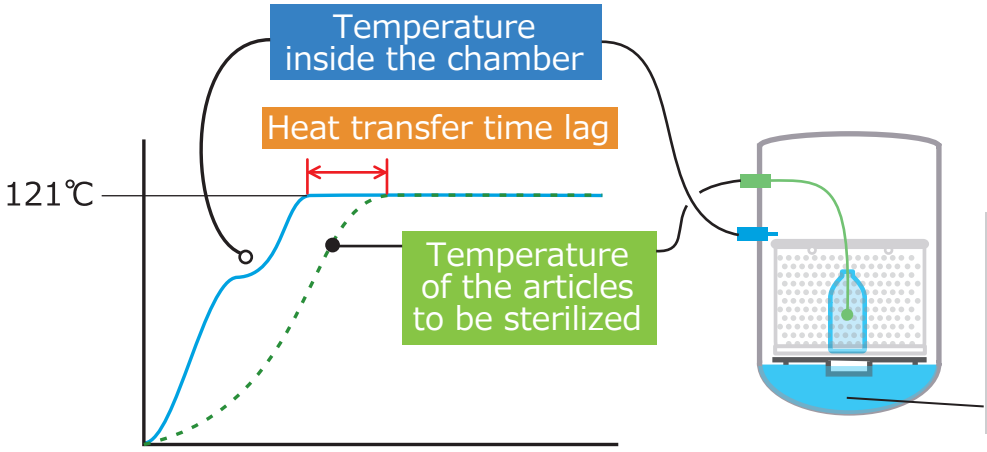
Heat Transfer Time Lag test data* for SX-700 / 700E



Test Conditions
Model: SX-700 (200V)
Room Temperature: 25℃
Sterilizing Water: 3.6L, 25℃

Bottle capacity (Filled same amount of water)	Quantity	Time to reach 121℃		
		Temperature of the articles to be sterilized	Temperature inside the chamber	Heat transfer time lag
500mL	2pcs	40min.	25min.	15min.
	10pcs	51min. Middle basket only	38min.	13min.
	30pcs	each 10pcs × Upper Middle Lower 83min.	70min.	13min.**
1,000mL	1pc	43min.	26min.	17min.
	5pc	52min.	36min.	16min.**
2,000mL	1pc	56min.	27min.	29min.
5,000mL	1pc	72min.	35min.	37min.
10,000mL	1pc	104min.	44min.	60min.

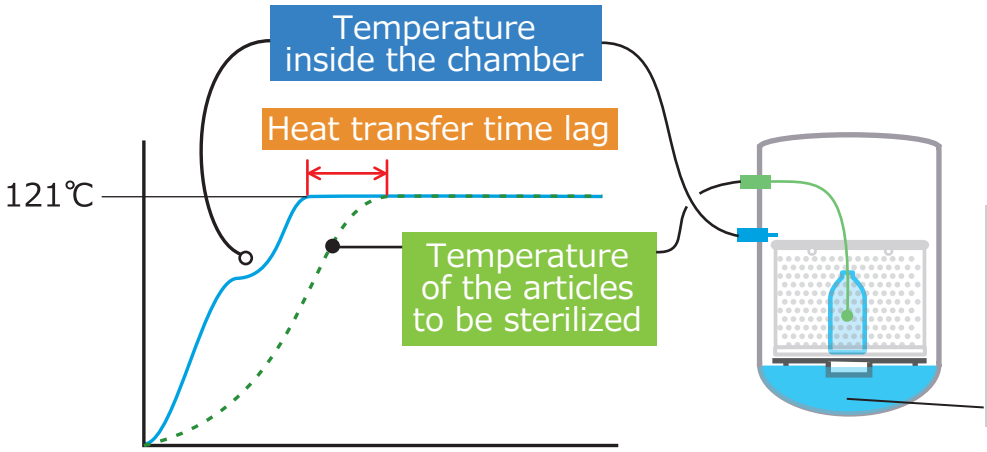
* The listed data are in-house measurements and not guaranteed values. The values depend on conditions (water temperature, ambient temperature, air conditioning, voltage fluctuations, etc.) and should be used as reference only.

**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℃, 20min, 1,000mL bottle (filled 1,000mL water) × 1pc
→Sterilization setting time: 37 min(Sterilization time: 20 min + Heat transfer time lag: 17 min)

Heat Transfer Time Lag test data* for SX-500 / 500E



Test Conditions
Model: SX-500 (100V)
Room Temperature: 25℃
Sterilizing Water: 3L, 25℃

Bottle capacity (Filled same amount of water)	Quantity	Time to reach 121℃		
		Temperature of the articles to be sterilized	Temperature inside the chamber	Heat transfer time lag
500mL	2pcs	46min.	36min.	10min.
	8pcs	58min. Middle basket only	49min.	9min.
	24pcs	each 8pcs × Upper Middle Lower 103min.	93min.	10min.**
1,000mL	1pc	51min.	35min.	16min.
	5pc	67min.	55min.	12min.**
2,000mL	1pc	64min.	39min.	25min.
5,000mL	1pc	86min.	53min.	33min.
10,000mL	1pc	117min.	71min.	46min.

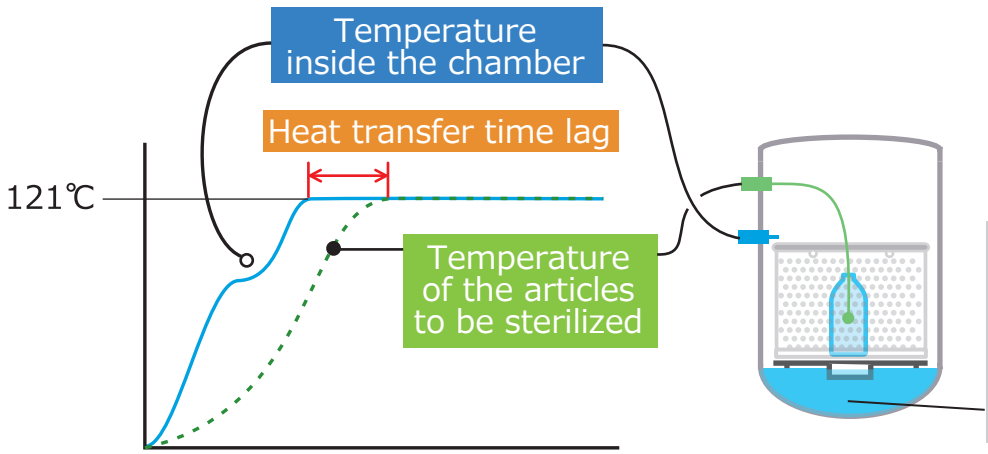
* The listed data are in-house measurements and not guaranteed values. The values depend on conditions (water temperature, ambient temperature, air conditioning, voltage fluctuations, etc.) and should be used as reference only.

**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℃, 20min, 1,000mL bottle (filled 1,000mL water) × 1pc
→Sterilization setting time: 36 min(Sterilization time: 20 min + Heat transfer time lag: 16 min)

Heat Transfer Time Lag test data* for SX-300 / 300E



Test Conditions
Model: SX-300 (100V)
Room Temperature: 25℃
Sterilizing Water: 3L, 25℃

Bottle capacity (Filled same amount of water)	Quantity	Time to reach 121℃		
		Temperature of the articles to be sterilized	Temperature inside the chamber	Heat transfer time lag
500mL	2pcs	55min.	43min.	12min.
	8pcs	74min. Lower basket only	62min.	12min.**
1,000mL	1pc	58min.	42min.	16min.
	5pc	85min.	70min.	15min.**
2,000mL	1pc	75min.	49min.	26min.
5,000mL	1pc	101min.	66min.	35min.
10,000mL	1pc	146min.	95min.	51min.

* 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℃, 20min, 1,000mL bottle (filled 1,000mL water) × 1pc
→Sterilization setting time: 36 min(Sterilization time: 20 min + Heat transfer time lag: 16 min)