

# Dry Bath



## Features

### ► A multi-function machine

Sahara 310 / 320's heating tank is made of one-piece aluminum with PTFE coating that allows purposes as:  
(1) Dry bath: Blocks, armor beads  
(2) Water bath

### ► User-friendly programs

Built-in memory can store up to 3 user-definable heating programs. Timer can be set infinite or up to 99:59 (HH:MM).

### ► Programmable timer & beep alarm

Sahara dry bath stops heating automatically with beeping alarm after the program is complete.

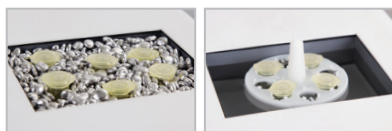
### ► International certification

CE certification

### ► One-Year Warranty

## Applications

- Molecular biology experiment
- Biochemistry experiment
- Bead bath / Water bath



## Ordering Information

### 179310-11(22)

Sahara 310, Dry Bath (without block)  
AC110V, 60Hz (AC220V, 50Hz)

### 179320-11(22)

Sahara 320, Dry Bath (without block)  
AC110V, 60Hz (AC220V, 50Hz)

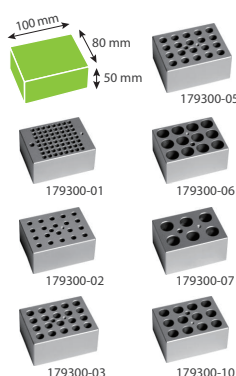
### 179300-00

Armor beads (1 block capacity)

## Sahara 310 / 320



## The optional blocks



### ♦ Aluminum Block (LxWxH): 80 x 100 x 50 mm

|           | Hole Diameter | Hole Depth | Max. Capacity | Applicable Tube |
|-----------|---------------|------------|---------------|-----------------|
| 179300-01 | 6.4 mm        | 17 mm      | 64 well       | 0.2 mL          |
| 179300-02 | 8.2 mm        | 25 mm      | 20 well       | 0.5 mL          |
| 179300-03 | 10.2 mm       | 33 mm      | 20 well       | 1.5 mL, 2.0 mL  |
| 179300-05 | 13 mm         | 36 mm      | 20 well       | Kahn Tube       |
| 179300-06 | 20 mm         | 45 mm      | 12 well       |                 |
| 179300-07 | 25 mm         | 45 mm      | 6 well        |                 |
| 179300-10 | 17 mm         | 45 mm      | 12 well       | 5 mL, 15 mL     |

## Specification

| Model                   | Sahara 310                                                             | Sahara 320      |
|-------------------------|------------------------------------------------------------------------|-----------------|
| PERFORMANCE DATA        |                                                                        |                 |
| Capacity                | 1 block                                                                | 2 blocks        |
| Display                 | OLED                                                                   |                 |
| Tank                    | Integrated, PTFE-coated tank                                           |                 |
| Temperature range       | R.T. +5°C ~ 150°C                                                      |                 |
| Resolution              | 0.1°C                                                                  |                 |
| Temperature accuracy    | ± 0.2°C (@37°C)                                                        |                 |
| Temperature homogeneity | ± 0.2°C (@37°C)                                                        |                 |
| Timer                   | (1) Countdown timer: 00:01~99:59 (HH:MM)<br>(2) Counter: 00:00 (HH:MM) |                 |
| Net weight              | 2.3 Kg                                                                 | 3.0 Kg          |
| Dimension (LxWxH)       | 27 x 19 x 11 cm                                                        | 35 x 19 x 11 cm |
| ELECTRICAL DATA         |                                                                        |                 |
| Voltage                 | 110V                                                                   | 220V            |
| Frequency               | 50 / 60Hz                                                              | 50 / 60Hz       |
| Max. power              | 120W                                                                   | 240W            |
| Safety                  | Overheat Protection (170°C)                                            |                 |