

# Denaturation & Hybridization System

## TDH-500 Hybridization system

Programmable system and humidifying that automates the steps in a slide-based FISH procedure, and provides walk-away convenience for clinical and research personnel. Up to 12 slides can be easily be added or removed with one hand. Two-side heating of slides that allows achieving exact correspondence of the set and actual temperature and maintaining uniform temperature across all slide positions.

### ■ Features:

1. Touch screen allows for easy to read, program and use
2. it can run In-situ PCR experiments
3. Possibility to export cycles data via USB memory
4. Four operation modes: denaturation/hybridization, hybridization fixed temperature, custom, In-situ PCR
5. Can be used as a fixed temperature slide warmer
6. Rapid temperature ramp-up and accuracy of  $\pm 1^{\circ}\text{C}$
7. Superior temperature uniformity accross all slide positions
8. Perfect humidity control system

### ■ Specification:

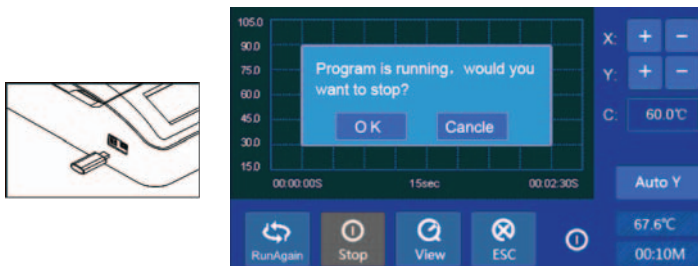
Model	TDH-500
Temperature Control Range	RT+5°C~99.9°C
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Temperature Uniformity	$\pm 1^{\circ}\text{C}$
Processing Timer	1min~99h59min or 1sec~99min59sec
Temp. Display Accuracy	$\pm 0.1^{\circ}\text{C}$
Heating Time (37°C to 95°C)	$\leq 3\text{min}$
Cooling Time(95°C to 45°C)	$\leq 7\text{min}$
Temperature Control Programmable	30°C ~100°C
Capacity	12 Slides
Overall Dimensions (L x W x H)	420×225×143mm
Weight	7.5kg



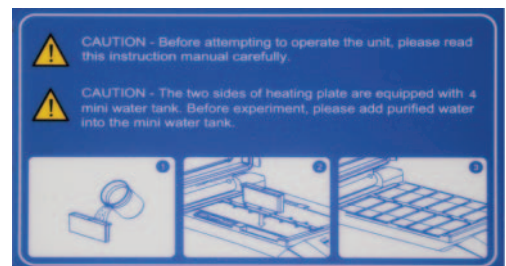
### 1. Touch screen display, easy programmable setting



### 2. Possibility to export cycles data



### 3. Perfect humidity control system



Code	Description
AS-05010-00	TDH-500 AC120V, 50/60Hz, 3A or AC220V, 50/60Hz, 2A