

TDH-500

Hybridization System



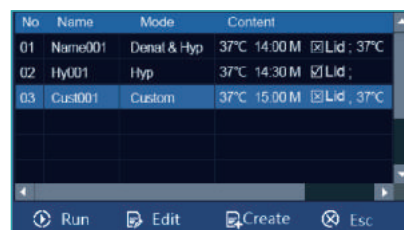
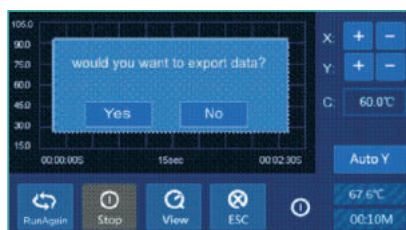
Product Introduction

Programmable system and humidifying that automates the steps in a slide-based FISH procedure, and provides walkaway 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. To built upon the innovative design, TDH-500 is ideally suited for the needs of cytogenetic laboratories to provide a good instrument.

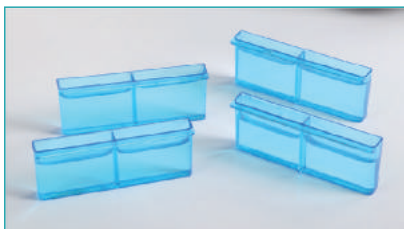
Features

1. Touch screen 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 warm-up and accuracy of $\pm 1^{\circ}\text{C}$
7. Superior temperature uniformity accross all slide positions
8. Perfect humidity control system

Flow Diagram

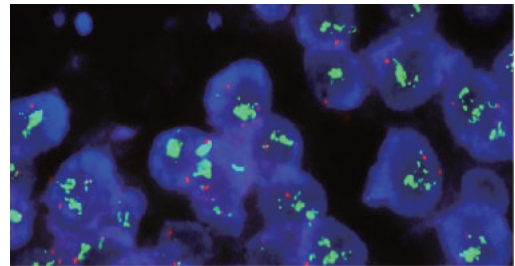
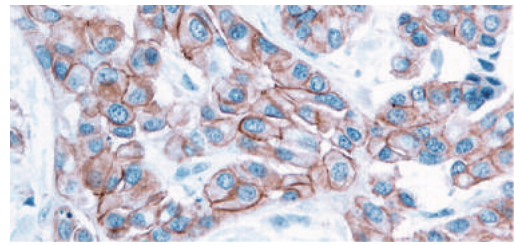


1. Touch screen display, easy programmable setting



2. Perfect humidity control system

3. Possibility to export cycles data



Specification

Temperature control range	RT. +5 °C-99.9 °C
Temperature accuracy	≤±1 °C
Temperature uniformity	≤±2 °C
Temp. display accuracy	±0.1 °C
Timer	1 min~99 h 59 min or 1 sec~99 min 59 sec
Heating time (37 °C to 95 °C)	≤4 min
Cooling time (95 °C to 45 °C)	≤8 min
Operation mode	Denaturation/hybridization, hybridization fixed temperature, custom and in-situ PCR
Capacity	12 Slides
Dimension (D×W×H) mm	225×420×143 mm
Weight	6.2 kg
Power	460 W

Ordering Information

Code	Description
AS-05010-00	TDH-500 AC 120 V, 3 A or AC 220 V, 2 A 50 / 60 Hz