

Product Model: **TDH-500**

Product Name: **FISH Hybridization System**

- Programmable Temperature and Humidifying Controlled Slide FISH or ISH Hybridization System

TDH-500 Hybridization System provides an easy, safe, system for in-situ hybridization procedures. The programmable, open system automates the denaturation and hybridization steps in slide-based FISH procedures.

- 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.
- To built upon the innovative design, TDH-500 is ideally suited for the needs of cytogenetic laboratories to provide a good instrument.

MODEL	TDH-500
Temperature Control Range	RT+5°C~99.9°C
Temperature Accuracy	±1°C
Temperature Uniformity	±1°C
Processing Timer?	1min~99h59min or 1sec~99min59sec
Temp. Display Accuracy	±0.1°C
Heating Time (37°C to 95°C)?	≤3min
Cooling Time(95°C to 45°C)?	≤7min
Temperature Control Programmable	30°C ~100°C
Operation mode	Denaturation/Hybridization, Hybridization fixed temperature, Custom and In-situ PCR
Capacity?	12 Slides
Display	Touch Screen
Overall Dimensions (L x D x H)mm	225x420x143mm
Weight?	5.8kg

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 warm-up and accuracy of ±1°C
7. Superior temperature uniformity across all slide positions
8. Perfect humidity control system

