

TDH-500



Product Information

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.

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

Technical Data

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 xD x H)mm	225×420×143mm

Weight	5.8kg
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