



FISH Hybridization System

LIFE SCIENCE

Alpinum Prazision Austria GmbH & Co. KG

– Life Science –

CarnisTDH-500 Hybridization System

Description

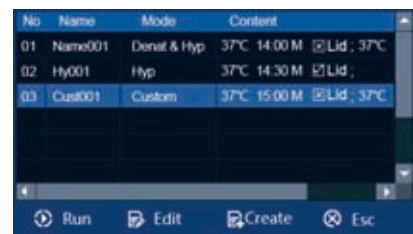
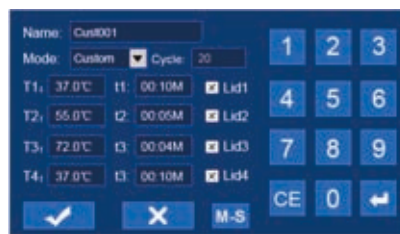
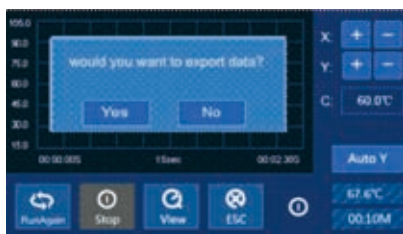


Description

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 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, CarnisTDH-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 across all slide positions
8. Perfect humidity control system



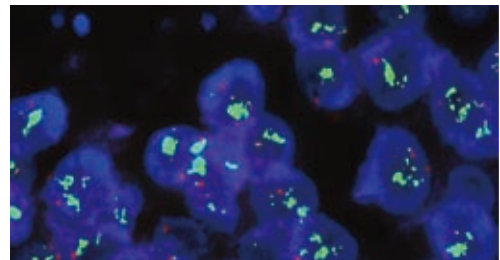
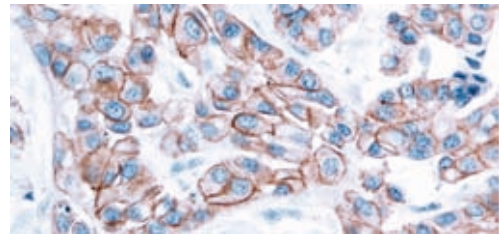
1. Touch screen display, easy programmable setting



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	±1°C
Temp. Display Accuracy	±0.1°C
Timer	1min~99h59min or 1sec~99 min59sec
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	225 x 420 x 143mm
Weight	5.8kg

Ordering information

No.	Code	Description
01	AS-05010-00	CarnisTDH-500 AC220-240V, 3A, 60Hz