



# ***FISH HYBRIDIZATION SYSTEM LD-LFHS-A10***

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Fish Hybridization System LD-LFHS-A10 is programmable system and humidifying that automates the steps in a slide-based FISH procedure. It offers capacity of 12 slides and temperature control ranges from RT+5°C to 99.9°C. Designed with touch screen easy to read, program and adopts four operation modes: denaturation/hybridization, hybridization fixed temperature, custom, In-situ PCR. Two-side heating of slides that allows achieving exact correspondence of the set and actual temperature and maintaining uniform temperature across all slide positions. It is easy to use and reduces hands-on time by more than 50% while ensuring overall precision and accuracy in all slide-based assays. It is ideally suited for the needs of cytogenetic laboratories to provide a good instrument.

## **FEATURES**

- ▷ Designed with touch screen easy to read, program and use
- ▷ It can run In-situ PCR experiments
- ▷ Designed with perfect humidity control system
- ▷ It offers four operation modes denaturation/hybridization, hybridization fixed temperature, custom, In-situ PCR
- ▷ The rapid temperature warm-up and accuracy of  $\pm 1^{\circ}\text{C}$
- ▷ Adopts possibility to export cycles data via USB memory
- ▷ Hybridization system provides an easy, safe, system for in-situ hybridization procedures
- ▷ It can be used as a fixed temperature slide warmer
- ▷ Superior temperature uniformity across all slide positions

## **APPLICATIONS**

FISH Hybridization System is ideally used for the needs of cytogenetic laboratories, convenience for clinical research and also run In-situ PCR experiments.

## SPECIFICATION

|                                  |   |
|----------------------------------|---|
| Model                            | LD-LFHS-A10   |
| Capacity                         | 12 Slides   |
| Temperature Control Range        | RT+5°C to 99.9°C  |
| Temperature Accuracy             | ±1°C  |
| Temperature Uniformity           | ±1°C  |
| Temp. Display Accuracy           | ±0.1°C  |
| Timer                            | 1 min to 99 h 59 min or 1 sec to 99 min 59 sec                                      |
| Heating Time (37°C to 95°C)      | ≤3 min  |
| Cooling Time (95°C to 45°C)      | ≤7 min  |
| Temperature Control Programmable | 30°C to 100°C   |
| Operation mode                   | Denaturation/Hybridization, Hybridization fixed temperature, Custom and In-situ PCR |
| Display                          | Touch Screen  |
| Dimension                        | 225 × 420 × 143 mm  |
| Weight                           | 5.8 kg  |