

## A100 Programmable Slide Denaturation & Hybridization System

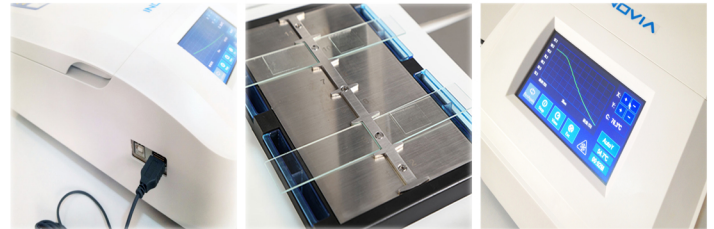
A100 Programmable Temperature and Humidification Controlled Slide FISH or ISH Hybridization System provides an easy, safe, systematic operation for on-site hybridization procedures.

With an innovative design, the A100 is perfectly designed to meet the need in the cytogenetic laboratories.

The programmable open system automates the steps of denaturation and hybridization in slide-based FISH operations. Easy to use, the A100 Hybridization System provides overall accuracy and accuracy in all slide-based tests, while reducing application time more than 50%.

Up to 12 slides can be added or removed with just one hand. The two-sided heating ensures that the set temperature and the actual temperature match precisely, but with the absolute temperature at all slide positions, equal temperature is maintained.

The programmable system and humidification, along with automating the steps in the slide-based FISH procedure, provide a comfortable working space within the clinical and research staff. It allows you to spend time on other things while the device is running.



### Features;

1. Touch Screen provides easy reading, programming and usage.
2. It is possible to export the loop data via USB memory.
3. 3 Operating Modes: Denaturation, Hybridization, Hybridization and Constant Thermal Control Unit. - Can be used as a thermal unit.
4. Fast heating and cooling capability with  $\pm 1^{\circ}\text{C}$  accuracy.
5. Superior temperature stability in all slide positions.
6. Excellent humidity control system.



Touch screen display, easy programmable setting

### Technical Specifications;

<b>Model</b>	<b>A-100</b>
Temperature Control Range	RT+5°C~99.9°C
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Temperature Uniformity	$\pm 1^{\circ}\text{C}$
Processing Timer	1sec - 99h59min
Temp. Display Accuracy	$\pm 0.1^{\circ}\text{C}$
Heating Time (37°C to 95°C)	$\leq 3\text{min}$
Cooling Time(95°C to 45°C)	$\leq 7\text{min}$
Programmable Temperature Control	30°C ~100°C
Operation Mode	Denaturation/Hybridization, Hybridization Fixed Temperature, Custom and In-Situ PCR
Capacity	12 Slides
Display	Touch Screen
Power Supply	AC120/220V, 50/60Hz, 2A/3A
Overall Dimensions (LxDxH)	225×420×143mm
Weight	5.8kg

