

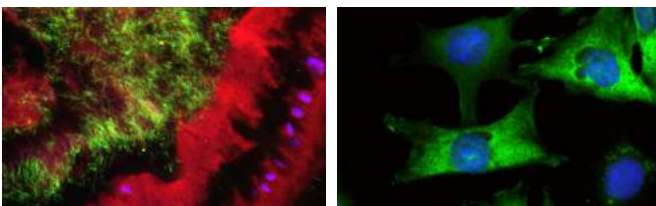
NP-500 Nano Probe FISH Hybridization System

HIGHLIGHTS

- Intuitive touch screen LCD interface
- Four operation modes: denaturation/ hybridization, fixed temperature hybridization, custom and in-situ PCR
- Rapid temperature warm-up and high temperature accuracy ($\pm 1^{\circ}\text{C}$)
- Excellent temperature uniformity
- Efficient humidity control system
- Convenient data transfer via USB drive

FISH procedure made easy and convenient

NP-500 Nano Probe FISH Hybridization System offers efficient and convenient operation for slide-based FISH (fluorescence in-situ hybridization) procedure which is ideal for cytogenetic laboratories. The intuitive touch screen interface allows user to set suitable programs for routine or specific workflows. There are 4 flexible operation modes where user can choose between denaturation/ hybridization, fixed temperature hybridization, custom or in-situ PCR. Both sides of the slides are uniformly heated or cooled, providing accurate humidity and temperature-controlled environment for samples. Data transfer is convenient via USB drive.

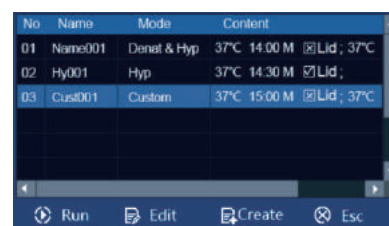
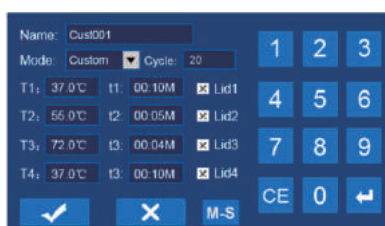
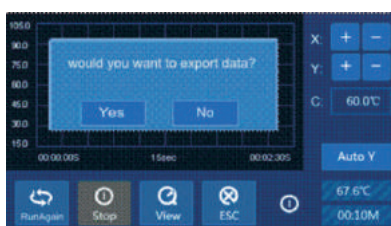




Convenient data transfer via USB drive



Mini water tanks for optimal humidity



Nano Probe Intuitive Graphical Interface

TECHNICAL DATA

Specifications

NP-500 Nano Probe FISH Hybridization System

Temperature control range	RT. $\pm 5^{\circ}\text{C}$ – 99.9°C
Temperature accuracy	$\pm 1^{\circ}\text{C}$
Temperature uniformity	$\pm 1^{\circ}\text{C}$
Temperature display accuracy	$\pm 0.1^{\circ}\text{C}$
Digital time setting	1min - 99hr 59min or 1sec – 99min 59sec
Heating time (37°C to 95°C)	$\leq 3\text{min}$
Cooling time (95°C to 37°C)	$\leq 7\text{min}$
Programmable temp. control	30°C - 100°C
Operation mode	Denaturation/hybridization, fixed temperature hybridization, custom and in-situ PCR
Capacity	12 slides
Display	Touch screen LCD
Dimension (W x D x H)	225 x 420 x 143 mm
Weight	5.8 kg
Voltage	AC 220V, 50/50hz
Power	460W
Permissible ambient temperature	5°C - 30°C
Permissible relative humidity	$\leq 70\%$

ORDERING INFORMATION

Cat. No.	FISH Hybridization System
NP-500-120V	Nano Probe FISH Hybridization System, AC120V, 3A 50/60Hz
NP-500-220V	Nano Probe FISH Hybridization System, AC220V, 2A, 50/60Hz