

# TOP-STAGE INCUBATOR STXGNL FOR NANOLIVE'S CX-A

Top-Stage Incubator offering precision temperature, humidity and CO<sub>2</sub> control.

## INCLUDES:

- Dish attachments for 96-well-plate and four 35 mm dishes
- External sensor
- Extension wire
- Gas tube
- Lens heater
- Plastic pre-holders

## FEATURES

**ACCURATE AND UNIFORM TEMPERATURE CONTROL.** Uniform heat distribution inside the chamber.

**MODEL STXGNL DELIVERED AS A COMPLETE SET.** Includes all dish attachments and dish fixing lids.

**HUMIDITY LEVEL OVER 95%.** The chamber keeps the humidity level over 95% by heating distilled water in the bath unit. The internal humidifier minimizes the change in concentration of media by keeping the humidity inside the chamber.

**STABLE AND DIGITAL CO<sub>2</sub> REGULATION.** The controller mixes 100% CO<sub>2</sub> gas and the surrounding air automatically. The stable gas concentration inside the chamber is obtained by constant supply of mixed gas into the chamber.

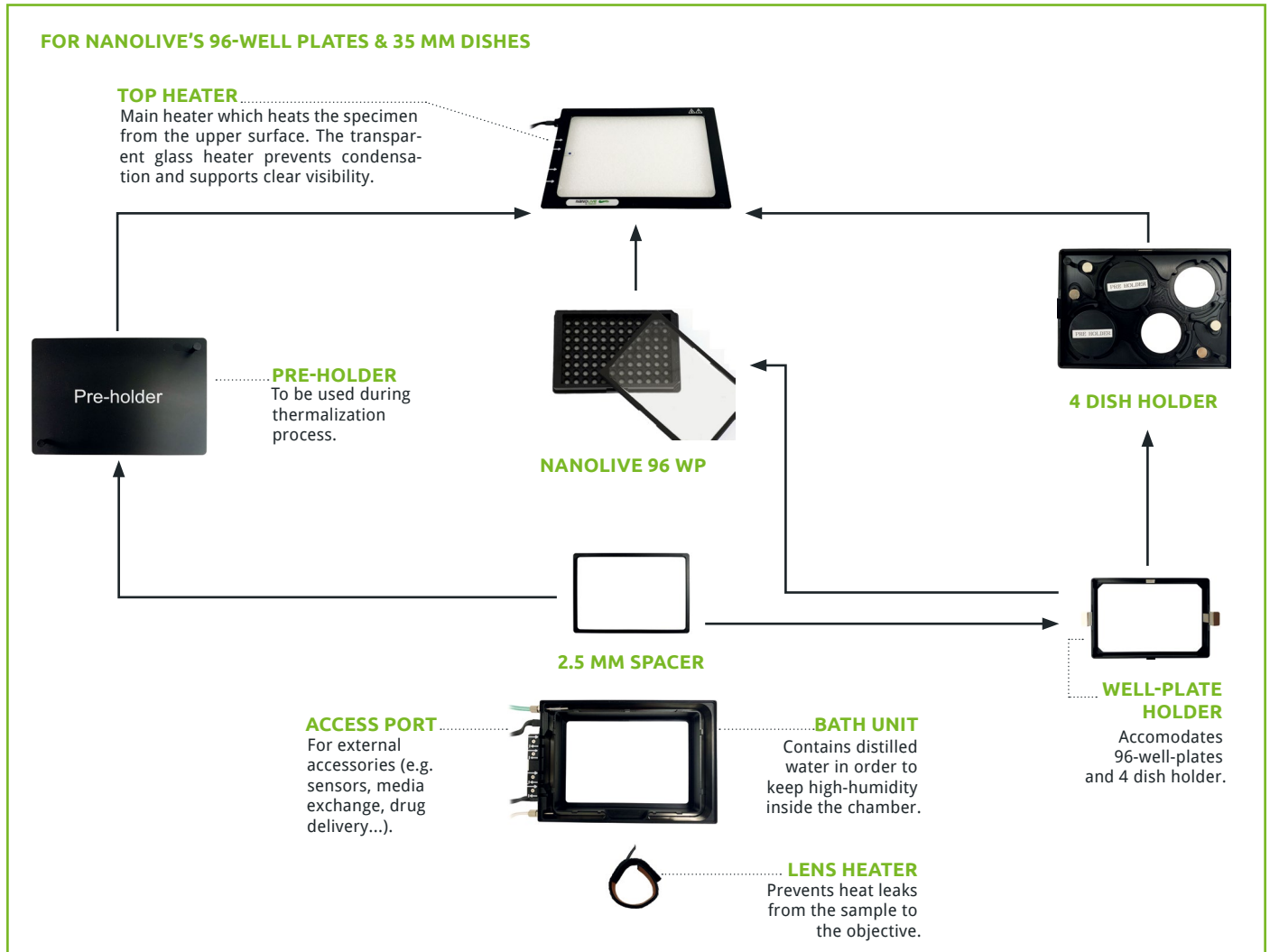


**FOCUS DRIFT PREVENTION.** In addition to a PID controller, the stage heater is regulated by a continuous current control which minimizes the focus drift generated by thermal expansion and light intensity change compared to the conventional on/off control.

**SAMPLE FEEDBACK REGULATION.** (optional feature, not included in this package) Sterilized temperature sensor and magnetic lids make it easy to measure the temperature of culture media upon research needs. The controller regulates the heater based on the sensor signal to keep the sample at the target temperature.

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## CHAMBER ACCESSORIES



## SPECIFICATIONS FOR STXGNL TOP STAGE INCUBATOR

Increments		0.1°C increments setting
Setting method		Touch panel with optional software, can be regulated via PC
Temperature range	Sample Temp	30 – 40 °C (optional)
	Top Heater	10 – 65°C
	Bath Heater	10 – 50°C
	Stage Heater	10 – 50°C
	Lens Heater	10 – 45°C
Temperature rise time		10 minutes to reach 50°C
Accuracy		±0.3°C