

6-POSITION HIGH-TEMP MICROPLATE MIXER AND INCUBATOR

Six plates, heat to 100°C and independent timers for every position, so plates can go in and come out without stopping the others.

UP TO 100°C

A 480 W heating system reaches 100°C from room temperature in 20 minutes or less.



WRAP-AROUND HEATED LID

Surrounds the plates with even heat, preventing condensation and limiting the edge effect.

INDEPENDENT TIMING

Each of the six positions has its own timer, so plates can be added or removed without interrupting the rest.

2 IN VERTICAL CLEARANCE

Room for extra-deep well plates, reagent reservoirs and high-profile blocks.

ADAPTIVE TEMPERATURE CONTROL

Eases off near set point to avoid overshoot and recovers quickly if the temperature dips.

AUTO-PREHEAT

Warms the chamber while samples are prepared. Hardware over-temperature protection is built in.

480 W HEATING

Fast heat-up to 100°C.

BRUSHLESS MOTOR

Smooth, quiet, low-maintenance.

OVER-TEMP SAFETY

Hardware protection built in.

6

PLATE POSITIONS

200–1,600 rpm

SPEED

Ambient +5 to 100°C

TEMPERATURE

Up to 2 in

PLATE HEIGHT

THE FLAGSHIP FOR HIGH-THROUGHPUT PLATE WORK

The HPS6 brings six plate positions and a 100°C ceiling to one benchtop station. It suits ELISA arrays, deep-well processing and high-temperature reactions that would otherwise need several smaller incubators.

Each position has its own timer on the high-contrast LCD, and its 3mm horizontal orbit gives deep-well plates more mixing energy than a standard 2mm shaker.

A wrap-around heated lid keeps the outer wells at the same ±0.5°C as the centre wells, and settings can be locked in 1 rpm and 0.1°C steps for validated SOPs.

LOAD ON YOUR SCHEDULE

Start, stop and remove any plate when its timer ends while the other five keep running.

APPLICATIONS

ELISA arrays, deep-well plate processing, high-temperature reactions and core-facility workflows.

COMPATIBLE PLATES

Standard microplates, PCR plates, deep-well plates and blocks up to 2 in tall.

SPECIFICATIONS

Capacity	6 microplates or deep-well plates
Speed range	200–1,600 rpm, in 1 rpm steps
Temperature range	Ambient +5°C to 100°C, in 0.1°C steps
Temperature accuracy	±0.5°C
Heat-up time, RT to 100°C	20 min or less
Mixing orbit	3mm horizontal
Maximum plate height	2 in
Heating power	480 W
Timing	Independent timer per position
Motor	Brushless DC
Safety	Hardware over-temperature protection
Voltage	120V, 60Hz

ORDERING INFORMATION

Catalog no.	Description
HPS6	Novara TM 6-Position High-Temp Microplate Mixer and Incubator

COMPARE THE LINE

	HPS2	HPS4	HPS6
Plate positions	2	4	6
Speed range	200–1,600 rpm	200–1,350 rpm	200–1,600 rpm
Maximum temperature	80°C	80°C	100°C
Heat-up time	10 min or less to 80°C	12 min or less to 80°C	20 min or less to 100°C
Maximum plate height	0.9 in	2 in	2 in