

# Thermo Shaker for Microplates - N300 Series Incubator for microplates - N40 Series

The N40 and N300 are designed for shaking 1-4 standard 96-well plates in the thermostat mode. These machines used the multi-principle, which allows they can be used as 2 independent devices :

1. Incubator for lasting incubation without shaking of micro-quantities (insect, plant cell cultures, etc.) in immunoplates (N40)
2. Microplate thermo-shaker for immunochemistry and molecular diagnostics, especially when requires good result reproducibility and precise method regulation are particularly high (N300)

A distinctive feature for the N40 and N300 is two-side heating of microtest plates that allows achieving exact correspondence of the set and actual temperature in wells of the microtest plates.

## Features :

- LCD display. It is easy to set up and use
- Heating plates above and below the microplates
- Incubation up to 70°C in 0.1°C steps
- Shakes and incubates two or four microplates simultaneously
- Beep-signal and stop of shaking motion after program completion
- Excellent temperature accuracy and uniformity across the plate



**N40-A / N300**



**N40-B / N300-B**

## The device can be used in :

- Cytochemistry - for in situ reactions
- Immunochemistry - for immunofermentative reactions
- Biochemistry - for enzyme and protein analysis
- Molecular chemistry - for matrix analysis

## Specifications :

Model	N300-A	N40-A	N300-B	N40-B
Cat#	NB-12-0014A	NB-12-0028A	NB-12-0014B	NB-12-0028B
Temperature Control Range	RT+5°C ~ 70°C			
Temperature Setting Range	5°C ~ 70°C			
Timer	1 min ~ 99h59min			
Temp. Control Accuracy	±0.5°C			
Display Accuracy	±0.1°C			
Shaking Speed	100 - 1200 rpm	---	100 - 1500 rpm	---
Heating Time (20 to 70°C)	≤25 min			
Platform Capacity	2 plates	2 plates	4 plates	4 plates
Mixing orbit	2 mm	---	2 mm	---
Dimension (mm)	280 x 270 x 150	280 x 270 x 150	320 x 350 x 185	320 x 350 x 185
Net Weight (kg)	6.5	4.0	9.0	8.0

