

# EN 300-400-500

# INCUBATORS



EN series incubators offer excellent incubation conditions by means of the microprocessor control system which is operating on PID heating system.

Their design is ideal for the applications in all biology and microbiology laboratories such as medical and veterinary; research and quality control examinations in pharmaceutical, food and cosmetics industries and biotechnology.

PID microprocessor control system provides constant temperatures in the chamber.

Homogeneous temperature distribution in the chamber is obtained by natural air convection in standard models and by air forced ventilation in "P" models.

User friendly control system includes two digital displays for temperature and time as well as many functional leds.

The inner chamber is made of anodic-oxidated aluminum for standard models and stainless steel for "P" models.

The frameless inner glass door allows the observation of samples in the chamber without any temperature drop.

Although the microprocessor control system has many safety features, an independent safety thermostat takes over control in case of any failure.





## TECHNICAL SPECIFICATIONS

	EN 300	EN 400	EN 400P	EN 500	EN 500P
Temperature Range	Ambient Temp. +5°C / 80°C				
Temperature Sensor	Fe-Const				
Control System	PID Programmable Microprocessor				
Temperature set and display sensitivity	0.1°C				
Temperature variation (up to 40°C)	≤ ± 0.5°C				
Temperature fluctuation	± 0.1°C				
Timer	1 min - 99.9 hours + Hold Position				
Delayed start timer	1 min - 99.9 hours				
Useful volume, liters	22	44	42	120	110
No. of shelves (standard/max.)	2/6	2/7	2/7	2/10	2/10
Power Consumption	100 W	200 W	250 W	350 W	400 W
Power Supply	230V, 50/60 Hz				
Internal Material	Anodic-oxidated coated aluminum		Stainless steel	Anodic-oxidated coated aluminum	Stainless steel
External Material	Epoxy-Polyester Powder Coated Steel				
Internal Dimensions (WxDxH) mm	300x240x300	420x320x360	420x280x360	500x490x500	500x450x500
External Dimensions (WxDxH) mm	555x380x460	700x475x540	700x525x540	780x635x675	790x675x670
Packing Dimensions (WxDxH) mm	640x470x640	790x570x750	790x570x750	870x740x860	870x740x860
Net/Packed Weight, kg	26/31	39/45	40/47	60/70	62/71

### ACCESSORIES

- R 01 136 Mesh type shelf for EN 400
- R 01 126 Mesh type shelf for EN 400P
- R 01 135 Mesh type shelf for EN 500
- R 01 111 Mesh type shelf for EN 500P
- K 23 047 Shelf carrier (EN 400)
- K 23 048 Shelf carrier (EN 400P)
- K 23 046 Shelf carrier (EN 500)
- K 23 040 Shelf carrier (EN 500P)

Note: 2 pcs. shelf carrier should be ordered for each shelf.



**NÜVE SANAYİ MALZEMELERİ  
İMALAT VE TİCARET A.Ş.**

Esenboğa Yolu, 22 km.  
Akyurt 06750 ANKARA TURKEY  
Tel : (90.312) 399 28 30 (pbx)  
Fax : (90.312) 399 21 97  
www.nuve.com.tr  
sales@nuve.com.tr

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