

Toyama

New Dissolution Testers NTR-6400 & 8400 Series (Water bath type)



Single horizontal row, easy to observe specimens from the front



When lifting up the driving unit



Vessel's centering mechanism

Conforming to JP, USP and EP

Features

- **Weight reduced, and radical new design with color LCD touch panel**
 - The tester's weight has been reduced by about 7%, and the weight of a driving unit at the time of lifting has been reduced by about 36%, compared with those weights of the previous models. These new models are equipped with a color LCD touch panel, with easier wizard type operation and better visibility of operation status.
- **With easier maintenance**
 - Water bath cover is fixed by magnet, not by screws, with easy one-touch mounting and dismounting. A boil-dry sensor has substituted for float switch so as to make bath cleaning easy. Also, water bath has the inclined bottom, making water drain easy.
- **Equipped with vessel's centering mechanism**
 - Vessel's centering can be easily done thanks to the vessel's position adjusting guide, with reproducibility of 0.5mm deviation from the center. So, periodical adjustment of vessel's positioning is not needed.

OPTIONAL ACCESSORIES



Auto Sampler-W, PAS-615

For fraction measurement
6 channels
Fine filter method
With control unit, PAS-62C

Model TS-200 & TS-500
To keep temperature of test medium and for degassing:
Tank capacity: 20L or 50L
Heater: 0.5kW or 1.2kW
Room temp. + 5°C to 50°C
Temp. accuracy: $\pm 1.0^{\circ}\text{C}$



Test Medium Warming Reservoir

Specifications

NTR-6400 Series

Model	NTR-6400A	NTR-6400AT	NTR-6400AC	NTR-6400ACT
Number of channels	6			
Driving method	Simultaneous		Independent or simultaneous	
Rotation speed setting range	25 rpm to 200 rpm			
Rotation speed accuracy	±2% or ±2rpm, whichever is larger			
Stirring type water bath	Sheathed heater 250W x 4, with platinum resistance temperature detector			
Water bath temp. control range	Room temperature + 5°C to 45°C			
Temp. control accuracy	±0.2°C (at 37°C under 25°C environment)			
Test media temp. measuring	N/A	Individual	N/A	Individual
Auto-probe mechanism	Equipped as standard			
Air supply source	0.4MPa ±0.05MPa (regulated pressure)			
Timer setting	Time to turn on heater is settable.			
Elapsed time indicator	Equipped as standard		Equipped (for individual starting)	
Input & output	RS-232C (for external control)			
Error message	When abnormality takes place, with alarm buzzer and error comments.			
Safety mechanism	Electricity leakage breaker, Temp. control error detector & boiling in empty			
Temp. & humidity for use	10°C to 30°C, 20% to 85% R.H.			
Power supply & consumption	100/110V or 220-240V AC, 50/60Hz, Max. 1.1kVA			
Dimensions	920(W) x 400(D) x 560(H) mm			
Weight	55kg	56kg	57kg	58kg

NTR-8400 Series

Model	NTR-8400A	NTR-8400AT	NTR-8400AC	NTR-8400ACT
Number of channels	8			
Driving method	Simultaneous		Independent or simultaneous	
Rotation speed setting range	25 rpm to 200 rpm			
Rotation speed accuracy	±2% or ±2rpm, whichever is large			
Stirring type water bath	Sheathed heater 250W x 4, with platinum resistance temperature detector			
Water bath temp. control range	Room temperature + 5°C to 45°C			
Temp. control accuracy	±0.2°C (at 37°C under 20°C environment)			
Test media temp. measuring	N/A	Individual	N/A	Individual
Auto-probe mechanism	Equipped as standard			
Air supply source	0.4MPa ±0.05MPa (regulated pressure)			
Timer setting	Time to turn on heater is settable.			
Elapsed time indicator	Equipped as standard		Equipped (for individual starting)	
Input & output	RS-232C (for external control) & USB (for output only)			
Error message	When abnormality takes place, with alarm buzzer and error contents.			
Safety mechanism	Electricity leakage breaker, Temp. control error detector & boiling in empty			
Temp. & humidity for use	10°C to 30°C, 20% to 85% R.H.			
Power supply & consumption	100/110V or 220-240V AC, 50/60Hz, Max. 1.2kVA			
Dimensions	1,200(W) x 400(D) x 560(H) mm			
Weight	66kg	67kg	69kg	70kg

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