



Disintegration Tester LZ-DGT-A101

www.labozon.com | info@labozon.com

Overview

Disintegration Tester LZ-DGT-A101 widely used pharmaceutical benchtop device with microprocessor-controlled technology. Designed with a cabinet, control system, electrical system, water bath system, transmission system and sensor. It features two batches of six tubes assembled in two baskets. The working temperature range offered is

ambient to 45°C with automatic time range of 1 to 900 min. Notable technical features are 55 mm basket lifting amplitude, 30 to 32 times per minute nacelle back and forth frequency, and 1000 ml flat-bottomed beaker capacity. The unit has auto testing, auto diagnose and auto alarm system features, and LED screen shows pre-set and real data alternately in time.

Specifications :

Basket assembly	2 Pieces
Quantity of Basket glass tube	12
Flat bottom beaker volume	1000 ml
Nacelle back and forth frequency	30 to 32 times / min
Nacelle back and forth range	54 to 56 mm
Automatic time range	1 to 900 min
Basket lifting amplitude	55 ± 1 mm
Screen to cup bottom	25 ± 2 mm
Screen aperture	0.425 or 0.71 or 1 or 2 mm
Continuous working time	> 24 hour
Temperature range	Ambient to +45.0°C
Temperature accuracy	37 ± 0.5°C
Power	600 W
Voltage	AC 110V/220V, 50Hz/60Hz
Dimension (W × D × H)	400 × 300 × 420 mm
Net weight	16 kg

Features :

1. Two batches of Six tubes assembled in two baskets design
2. Automatic control of the temperature, time and back and forth frequency of nacelle
3. Microprocessor controlled unit, Even temperature maintained across bath liquid
4. Independent driving of each station
5. Time parameters can be pre-set at any time
6. Pre-set and real data displayed alternately on the LED screen
7. Auto stop at timing point
8. High automation with auto test, auto diagnose and auto alarm

Standard Accessories :

Accessories no.	Accessories name
1	6 hole hanging basket (Mesh size: 2mm)

Optional Accessories :

Accessories no.	Accessories name
1	6 hole hanging basket (Mesh size: 0.425 mm, 0.71 mm, 1 mm, 2 mm)

Applications :

It finds wide application in Pharmaceutical Industry, for disintegration of tablet and capsule (solids) in prescriptive conditions like tablet, capsule, and ointment, etc. across manufacturing plants, research

centers.



Labozon Scientific Inc. 100 Pearl St, Hartford, CT 06103, United States.

Email: info@labozon.com | Website: www.labozon.com

Phone: +1 860-944-7786