

DISINTEGRATION TESTER QD- 200 (ESSENTIAL)



OVERVIEW

Disintegration testing determines whether tablets or capsules disintegrate within a defined period of time when placed in a liquid medium. Compliant design according to current Pharmacopeia (USP <701>, USP <2040>, Ph. Eur. 2.9.1) and robust quality components provide a reproducible and standardized method of ensuring that complete disintegration has taken place.

The "QD-200 Essential" tablet disintegration tester Model By Quality Lab Solutions offers user-friendliness in a tried-and-tested design for Capsule Disintegration Procedure.

The manual disintegration tester as a cost-effective alternative to the automatic model & fulfils all EP/USP requirements.

A few quick steps is all it takes to dismantle the testing baskets ready for cleaning. The basket assembly is extremely robust. It can be easily disassembled and even be fully submerged into a cleaning bath.

As each station is powered separately, you can test up to four different products at the same time. The soft start function ensures that the testing basket is immersed in a controlled manner

FEATURES

- Complies with USP, IP and Ph. Eur. Specifications
- Parking of the baskets at the top position at the end of the test with alarm
- White illumination from bottom for better visibility
- Programmable timer with dual range in min-sec, hrs-min and in continuous mode
- Suitable for veterinary tablets and support for bolus basket is also available
- User friendly and Easy Maintenance Drive
- Printer Connectivity ensures the Test Report can be Printed out at for further Study.



SPECIFICATION

Model	QD-200(ESSENTIAL)
Stroke height	55mm (± 2 mm)
No. of strokes	30 stroke per min (± 2)
Motor	12.6 kg cm bio polar stepper motor
No.of baskets	2 nos. (Each having 6 Glass test tubes)
Display	LCD 20 x 4 character
Water bath	6 mm thick transparent acrylic
Heater	300 watts, S.S. 316
Power Supply	230 V AC, 50 Hz, 880 VA
Temperature range	20°C to 39.9°C
Temperature resolution	0.1°C
Temperature control accuracy	0.5°C
Timer	Range1- 1 sec. to 99 min. & 59 sec. and Range 2- 1 min. to 9 hrs& 59 min.
Timer resolution	Range1- 1 sec. and Range2- 1 min
Dimensions(L x W x H)	(350x 390 x 510) mm (approx.)
Weight	Net 23 kgs

PARTS & ACCESSORIES

STANDARD ACCESSORIES

(Included in the Standard Scope of Supply)

Part Number	Description
	ACRYLIC WATER BATH WITH HEATER & SENSOR
	GLASS BEAKER-2no
	SIX TUBE BASKET ASSEMBLY WITH GUIDED DISC-Set of 2
	GUIDED DISC -12no
	EXTERNAL TEMPERATURE PROBE

OPTIONAL ACCESSORIES

Part Number	Description
	3 TUBE BOLUS BASKET-Set of 2
	1TUBE BOLUS BASKET – Set of 2
	THERMAL PRINTER
	IQ/OQ DOCUMENTS

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