

DISINTEGRATION TESTER

301



Technical Specifications

Temperature range	Amb. +5°C to 50°C
Temperature control resolution	±0,1
Temperature uniformity at 37°C	±0,5
Digital Timer	Programmable up to 99h
RPM	29 and 32 RPM.
Output	4 to 20 mA
Heating system	Stainless steel tubular resistance
Electrical specs	110V or 220V 50Hz/60Hz
Protection grade	IP 20

Product description

- Disintegration testing determines whether tablets or capsules disintegrate within a defined period of time when placed in a liquid medium compliant with USP<701>
- Exterior: corrosion resistant treatment and epoxy powder coated
- Stainless Steel (AISI 304) basket rack

Technical Characteristics

- Temperature control and reading through sensor PT100 with 0,1°C resolution
- Run-time and temperature microprocessed control, digital LCD display, sound alarm for end of test warning.
- Immersion heater and circulator module guarantees temperature stability of the water bath and no vibration
- Simple operation and easy cleaning baskets and bath
- Lift-out of the baskets is performed manually or automatically (depending on model)
- Acrylic water bath with frontal drain.

Available Disintegration Tester models

- 301/AC: Lift-out of the baskets is performed manually; 01, 03 or 06 simultaneously driven baskets
- 301/AUT: Lift-out of the baskets is performed automatically; 01, 03 or 06 simultaneously driven baskets
- 301/IND : Lift-out of the baskets is performed independently; 03 or 06 baskets
- 301/AUT IND: Lift-out of the baskets is performed automatically and independently; 03 or 06 baskets

INCLUDED ACCESSORIES AND COMPONENTS



- Operational manual
- RBC Calibration Certificate, for temperature controller
- Connection for Data Logger (4 to 20mA)

OPTIONAL



- IQ and OQ qualification protocols

THIS EQUIPMENT ATTENDS AMERICAN PHARMACOPEIA SPECIFICATIONS USP<701>

Included Aecessories

RACKS	GLASS VESSELS	BASKETS	TESTER TUBERS	ACRYLIC DISC
1	1	1	6	6
3	3	3	18	18
6	6	6	36	36

Information by Model 301 series

RACKS	WIDTH mm	DEPTH mm	HEIGHT mm	ELETRICAL SPECS W	WEIGHT Kg
1	400	280	600	700	32
3	600	280	600	700	39
6	1200	280	600	1300	52

