

TABLETS AND CAPSULES AUTOMATED DISSOLUTION TESTER

DTSA



Product description

- Automated version for dissolution test
- Ideal for research, formulations and quality control
- Compacted built, following all USP protocols
- Can be complemented with automated sampling station.

Technical Characteristics

- Temperature control and reading through PT100 sensor with 0,1° resolution
- One piece water bath with round edges to assure best asepsis
- Off-line system with automatic raising and lowering of the drive head
- External flow through heater reduces the influence of external vibrations and ensures a constant temperature
- Simultaneous medicament pouring system by user (manual pouring).

Technical Specifications

Temperature range	Amb. +5°C to 50°C
Temperature control	PID
Temperature control resolution	± 0,1°C
Display Resolution	Colored 4 digit TouchScreen
RPM	20 to 220 Rpm ± 1 Rpm
Digital Timer	Programmable up to 99h
Output	4 to 20mA
Temperature sensor	PT 100
Drain connection	3/8"
Temperature uniformity at 37°C	± 0,5°C
Heating system	Stainless steel tubular resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

ethik EXCLUSIVE SOFTWARE



Better user interaction software , for easy and clear operation.



Easy and simple control programming of temperature on a colorful and graphic interface on a 6" screen.



Exclusive security system allows access control (LOGIN) for every user.



10 different users capacity and memory for a 100 methods.



Programmable software for visual alarm activation in case of higher or lower temperature than set point, and temperature differential.

OPTIONAL



- IQ,OQ and PQ protocols
- Software for RDC 301 and GAMP5 requirements
- Automated sampling station

INCLUDED ACCESSORIES AND COMPONENTS



- Translucent glass vessels
- AISI 316 stainless steel baskets (Apparatus I); AISI 316 stainless steel paddles (Apparatus II), and AISI 316 stainless steel shafts, all with sanitary polishing, marked serial number for identification in case of IQ protocol.
- Acrylic vessel covers to avoid evaporation
- Centralization vessel covers
- Acrylic storage kit (for tools and apparatus)
- Connection for Data Logger (4 to 20mA)
- Operation manual
- RBC Calibration Certificate for temperature controller

Dissolution Tester DTSA series Information

RACKS	WIDTH mm	DEPTH mm	HEIGHT DRIVE HEAD DOWN mm	HEIGHT DRIVE HEAD UP mm	ELETRICAL SPECS W	WEIGHT Kg
6	690	560	690	850	1400	56
8	690	560	690	850	1400	65

Circulation and heating system

RACKS	WIDTH mm	DEPTH mm	HEIGHT mm
6	370	160	410
8	370	160	410