

DT 2

Record and report disintegration times individually per sample or as a completed set. Two independent stations with reliable temperature control.

SOTAX



Manual Disintegration Tester



DT2 — Advanced Simplicity.



sotax.com/DT2

Method programming and
alarm signal for pH change

Recording of individual disintegration
times per sample or of a complete set

Powerful integrated heating
system with sensor

Fully compliant manual baskets
with unique quick-lock mechanism
to prevent horizontal movement

Printing of test protocols

Independent stations

Recording of individual
end-points

Different test run modes

Precise temperature
control

Printing of
test protocols

Temperature probe can be
attached to a basket for medium
temperature monitoring

Two independent stations





Change-over.

Changing baskets is fast and easy. The unique quick-lock mechanism allows to quickly attach prepared basket assemblies and prevents horizontal movement during tests – ensuring repeatable test conditions. Automated basket lift-in / out and audible alarm signals further add to the user-friendliness of the DT2.

Temperature.

An integrated heating system with dual-sensor ensures precise temperature control of the test medium. A built-in sensor continuously monitors the circulating water temperature and an additional external probe can be mounted on the basket to monitor the medium temperature during the test.

Protocol as needed.

The DT2 allows to record and report disintegration times in different test modes. End-points can be protocolled individually per sample – or alternatively the operator simply checks whether all samples have disintegrated within the specified run time. If baskets are lifted out during a test for visual checking, the “test hold time” is automatically recorded.

Printed report.

Operators can conveniently print a report at the end of each test documenting disintegration time(s) and test conditions. Depending on how the test has been performed, the test report will show individual disintegration times per tablet / capsule or total run time for a set of samples.

DT2 Technical Specifications

Stations		2 independent stations
End-point detection	Manual detection mode, per sample	●
	Manual detection mode, all samples	●
Baskets (Apparatus A / B)	6-tube basket, 10 mesh, manual	○
	3-tube basket, 10 mesh, manual	○
Strokes per minute	Frequency	30
	Accuracy	± 1
Stroke height	Height	55 mm
	Accuracy	± 2 mm
Temperature	Range	25 – 40 °C, programmable
	Temperature control	Dual control, built-in sensor / external sensor
	Measuring accuracy	± 0.2 °C
Bath capacity		5.5 liter
User interface	Program capacity	10 methods
Printer	Epson® 40col.	IEEE 1284 parallel
Interfaces		IEEE 1284 parallel
Power supply		100 – 240 V / 50 – 60 Hz
Power consumption		1'100 VA
Weight	(without packaging)	24 kg (53 lbs)
Dimensions	Width	380 mm (14.9 inch)
	Depth	410 mm (16.2 inch)
	Height	560 mm (22.1 inch)
CE Conformity	The DT2 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.	

● included / required
○ optional

Technical specifications are subject to change without prior notice. Products illustrated in this brochure may include options or modifications not fitted as standard. No liability for errors and omissions.

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