



DT 950 & DT 9510 SERIES

DIGITAL DISSOLUTION OFFLINE SYSTEM

The Digital Offline System for the DT 950 and 9510 series is the next step in harnessing the power of digital dissolution testing. It extends the advanced technology of the DT 950 and 9510 series with the first step in dissolution automation: fully automated sampling and storage in vials for separate analysis.

With the updated TestAssist, the user can easily configure and start dissolution tests with automatic sampling on our 7-inch touch display. The design principles introduced with the DT 950 have been applied to offline testing, making it faster, easier and more accurate than ever before. The user is guided through the dissolution test with automatic sampling in a few simple steps. This enables 100% USP / EP / JP compliant dissolution testing without distraction or error and ensures consistently compliant parameters.

DIGITAL DISSOLUTION OFFLINE SYSTEM DT 950 & DT 9510 SERIES

KEY FEATURES



100% USP / EP / JP
Compliant



USP Methods 1, 2, 5 and
6



Full control of
connected hardware



Audit Trail – Full 21 CFR
Part 11 compliance

Audit Trail, Method Management, and More

The ERWEKA DT 950 / DT 9510 is developed to meet the requirements for compliance and data management for modern laboratories. Its integrated Audit Trail records all user and system actions in detail, including user, time stamp, event, reason for changes, and parameter modifications with old and new values, ensuring complete traceability.

Method Management & Approval allows authorized users to create, edit, and approve methods, while User Management provides secure access control with tailored permissions. The Backup & Restore function enables all important data—including methods, user profiles, reports, settings, and audit entries—to be backed up and restored via USB stick, with every event logged for transparency.



TestAssist for Digital Dissolution Offline Testing

The intelligent TestAssist has been updated for digital offline testing:

- | Easy sample timing configuration
- | Advanced offline system settings
- | Updated test interface for more information and transparency in the test procedure

User Management

The updated user management enables flexible access control for the digital dissolution system:

- | Easy-to-use user rights management
- | Password complexity guidelines for safe access control





Stand-Alone Control of Connected Hardware

The digital embedded PC technology in the digital dissolution tester DT 950 and DT 9510 take full control of the connected system hardware: The pump, either PVP or IPC, the automated sampling station ASS-9/-18 and the sample collector. An external computer is not required, saving space, energy and maintenance, and thanks to the digital technology, without losing comfortable features and USP/EP/JP compliance. Of course, the offline system includes all the other software features of the DT 950 platform, including method memory, sampling station with temperature sensors in each vessel, USB update and FTP data export.

DT 950

TECHNICAL DATA

Weight	42 kg
Dimensions (H x W x D)	850 x 650 x 650 mm
Voltage	115/230 V; 50/60 Hz
Speed	20-250 U/min
Vessel volume	400 ml / 1000 ml / 2000 ml
Interfaces	1x RS-232, 2x USB, 2x Ethernet/RJ45
Test stations (DT 956)	6 in 2 rows
Test stations (DT 957)	7 in 2 rows
Test stations (DT 958)	8 in 2 rows
USP methods	USP 1 / USP 2 / USP 5 / USP 6
Fuses	2 A
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Operation	Touchscreen 7", 800x480 Pixel
Sampling positions	High-head / Low-head / Cleaning mode
Ambient temperature during operation	+10 °C to +30 °C (ambient temperature min. -5 °C below set temperature)
Storage & Transport temp.	+5 °C to +40 °C
Relative humidity	25-80 % non condensing

DT 9510

TECHNICAL DATA

Weight	110 kg
Dimensions (H x W x D)	850 x 1062 x 650 mm
Voltage	115/230 V; 50/60 Hz
Speed	20-250 U/min
Vessel volume	400 ml / 1000 ml / 2000 ml
Interfaces	1x RS-232, 2x USB, 2x Ethernet/RJ45
Test stations (DT 9512)	12 in 2 rows
Test stations (DT 9513)	13 in 2 rows
Test stations (DT 9514)	14 in 2 rows
USP methods	USP 1 / USP 2 / USP 5 / USP 6
Fuses	2 A
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Operation	Touchscreen 7", 800x480 Pixel
Sampling positions	High-head / Low-head / Cleaning mode
Ambient temperature during operation	+10 °C to +30 °C (ambient temperature min. -5 °C below set temperature)
Storage & Transport temp.	+5 °C to +40 °C
Relative humidity	25-80 % non condensing

SAMPLE COLLECTOR FRL 6/7/854

TECHNICAL DATA

Weight	25 kg
Dimensions (H x W x D)	585 x 700 x 515 mm
Channels	6,7 or 8
Max. capacity (not for 25 ml test tubes)	26 sample intervals
Valve	Integrated 3 way valves
FRL racks	26 x 8 / 1.5 ml HPLC vials, 26 x 8 / 4.0 ml HPLC vials, 26 x 8 / 10 ml test tubes, 18 x 8 / 25 ml test tubes
Voltage +- 10%	115 - 250 VAC; 50 / 60 Hz

PVP PUMP X20

TECHNICAL DATA

Weight	28 kg (for PVP 1220/1420)
Dimensions (H x W x D)	420 x 275 x 575 mm (for PVP 1220/1420)
Voltage	115 V or 230 V, 50/60 Hz
Pump type	PVP 1220/1420 (for DT 9510)
Channels	12 or 14 (for PVP 1220/1420)
Valves	/
Accuracy	+/- 0.5 ml
System compatibility	DT Online System, DT Offline System, DT On-/Offline System
Benefits	Filtration using 0.45 µm flat membrane filters, with other pore sizes available upon request. Particularly suitable for fully automatic dissolution systems.

IPC PUMP 8/16

TECHNICAL DATA

Dimensions (H x W x D)	125 x 145 x 220 mm
Interfaces	RS 232
Channels	8 or 16
Accuracy	25 ml +/- 5%
Media replacement	Standard
Double filtration (optional)	Only when first filtration with poroplast filters. No media replacement possible when double filtration.
Required type of sample collector	FRL 654 / 754 / 854
System compatibility	DT Offline / DT Online / DT On-/Offline
Advantages	Basic pump possible with DT 950/9510, needs regular replacement of tubing