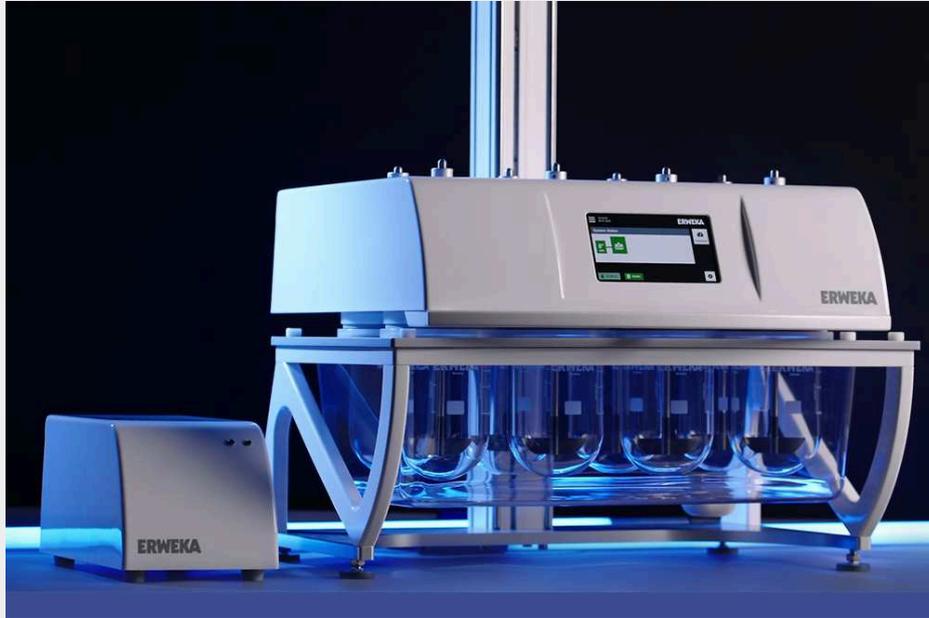


DIGITAL DISSOLUTION TESTER  
DT 950 SERIES



**The ERWEKA DT 950 series is our first digital dissolution tester on the market, equipped with the latest technology for the requirements of today and the challenges of tomorrow.**

With state-of-the-art embedded PC technology, the DT 950 is the first of its kind. The 7-inch touch display with a modern user interface keeps the user focused on the most important task the DT 950 has to fulfill - 100% USP / EP / JP compliant dissolution testing, without any distractions or errors. For this purpose, the ERWEKA TestAssist has been developed; an intelligent helper that guides the user step by step through the configuration of the dissolution test, provides assistance and ensures that only compliant parameters can be entered.

In addition to the modern user interface, the DT 950 is also absolutely future-proof. With our "Upgrade Your DT" program, the system can be upgraded at a later date - e.g. from 6 to 8 test stations, with an automatic tablet drop or an automatic sampling station, if the instrument is to be upgraded to a dissolution system at a later date. It is also easy to switch from low-head to high-head mode at any time. Thanks to the advanced embedded system, software functions for the touch display can also be added later.

With all these innovations, however, ERWEKA hasn't lost sight of the most important thing: the DT 950 series is 100% USP / EP compliant.

100%

**100% USP / EP / JP  
Compliant**



**USP Methods 1, 2, 5  
and 6**

**Intuitive Touch  
Interface**



**Upgradeable at Any  
Time**

## DIGITAL DISSOLUTION TESTER DT 950 SERIES

### KEY FEATURES

The digital embedded PC technology offers all the advantages and unlimited possibilities of modern software programming and makes the DT 950 more future-proof than ever before. In the first step, this means simple network printing and a modern user interface.

In the future, further functions will be added to the DT 950 series, allowing it to constantly adapt to user requirements and future Industry 4.0 developments.

The modern user interface of the DT 950 keeps the user focused on the most important function: the dissolution test.

- | TestAssist, the intelligent guide for dissolution tests
- | DirectHelp, direct on-screen help at the touch of a button
- | Multilingual operation in English, French, Spanish, Russian, Chinese and German

The newly developed hardware of the DT 950 series enables a step-by-step upgrade from a manual dissolution tester to a semi-automatic online, offline or on- / offline system.

- | Upgrade to up to 8 test stations
- | Optional, automatic tablet drop
- | ASS-9 automatic sampling station



## NETWORK PRINTING EXPLAINED

### LAN NETWORK & USB PRINTING CAPABILITIES

The technology platform of the DT 950 / DT 9510 enables the convenient use of network printers from many different manufacturers. Thanks to a practical printer setup, the LAN-connected DT 950 / 9510 finds all printers in the network. Simply select the correct driver from a list and the DT 950 / DT 9510 reliably prints via the selected printer.

The DT 950 / DT 9510 can currently print on network and USB printers from Hewlett-Packard, Kyocera and OKI. Both systems also support USB printers from Brother. Further printers will follow shortly.

## DT 950 SERIES TOUCH INTERFACE

### 1-2-TEST!

The touch interface of the DT 950 centers the user's attention on the most important task to be performed with the DT 950: dissolution testing. The central component is the TestAssist, an intelligent assistant with real-time feasibility checks, which provides support and ensures that the parameters entered conform to USP / EP / JP. This makes dissolution testing easy and safe.

In addition to the TestAssist, all other features, such as the control panel, the qualification menu or the service menu, are designed to connect users and hardware as quickly as possible.





## Parametrisation Within Conform Ranges

### Testing in 3 Simple Steps

#### DISSOLUTION TESTING IN 3 SIMPLE STEPS

### TESTASSIST



#### TestAssist - Dissolution Testing Easier Than Ever

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In addition to the TestAssist, all other features, such as the control panel, the qualification menu or the service menu, are designed to connect users and hardware as quickly as possible.



## Help, Anytime

Each input field has a quickly accessible help function. If it is unclear what should be entered in the field, the help function can be triggered by clicking on the question mark symbol right next to it. This function is available throughout the ERWEKA OS, so that information can be obtained at any time.



## Deutsch, English, Español, Français, ...

The modern architecture of the ERWEKA operating system supports a wide range of languages (including German, English, Spanish, French, Chinese, Russian, and many more), making the DT 950 the most accessible device ERWEKA has ever developed, anywhere in the world.



## Direct Access for Customer Service

The service menu provides the user with direct access to the DT's most important hardware functions and information. The serial number and software version can be quickly retrieved for service cases, and maintenance can be carried out more quickly and efficiently.



## Qualification Made Easy

Thanks to the new qualification function, qualifying the DT 950 is very easy. Simply call up the qualification menu and follow the instructions.

## DIGITAL DISSOLUTION TESTER DT 950 SERIES

### UNLIMITED UPGRADEABILITY - AT ANY TIME



Our world is constantly changing - that's why ERWEKA has developed a dissolution tester that is already well equipped for the challenges of tomorrow. After the initial purchase, the DT 950 can also be upgraded further - including from 6 to 7 or 8 test stations, with an automatic tablet drop or an automatic sampling station. The high degree of modularity makes it possible to quickly turn a 6-station stand-alone DT 956, for example, into the heart of a complete dissolution HPLC On-/ Offline System with 8 test stations and Disso.NET 4 software. This means that the DT 950 remains flexible throughout its entire life cycle. After all, who knows what challenges await in a few years' time?



- | Extension to up to 8 test stations
- | Automatic tablet drop
- | USP methods 1, 2, 5 and 6
- | Automatic sampling station (low-head or high-head)
- | 100% USP / EP / JP conform dissolution testing
- | User management, method memory & temperature measurement for each vessel, FTP data export (e.g. for LIMS), updateable via USB



- | Automatic sample collection with our FRL sample collector
- | IPC or PVP pump
- | Control via PC with Disso.NET 4, Audit Trail and MySQL database
- | 21 CFR part 11 compliant
- | 100% USP / EP / JP conform dissolution testing
- | User management, method memory & temperature measurement for each vessel, FTP data export (e.g. for LIMS), updateable via USB



- | Automatic UV/Vis analysis with spectrophotometer
- | Control via PC with Disso.NET 4, Audit Trail and MySQL database
- | IPC or PVP pump
- | 21 CFR part 11 compliant
- | Direct data evaluation in the software
- | 100% USP/EP/JP-konforme Dissolution-Tests
- | Benutzerverwaltung, Methodenspeicher & Temperaturmessung für jedes Gefäß, FTP-Datenexport (z.B. für LIMS), updatefähig über USB



- | Dissolution HPLC On-/Offline System or Dissolution On-/Offline System with UV/Vis
- | Control via PC with Disso.NET 4, Audit Trail and SQL database
- | 21 CFR part 11 compliant
- | Automatic HPLC or UV-Vis analysis with sample collector
- | With HPLC: Automatic hand-off of the sample to the HPLC analysis
- | 100% USP/EP/JP-konforme Dissolution-Tests
- | Benutzerverwaltung, Methodenspeicher & Temperaturmessung für jedes Gefäß, FTP-Datenexport (z.B. für LIMS), updatefähig über USB

NOT ONLY ON A LARGE SCALE, BUT ALSO ON A SMALLER ONE

## FURTHER IMPROVED



The power switch has been moved to the side of the device, making it much easier to reach and operate it. In addition, the power supply has been redesigned to 24 V.



The tablet drop has been moved to the top of the DT head. This means that filling is always immediately visible. The drop can be controlled automatically as an option.



The DT head has been further improved. In addition to mechanical changes to the guide and a new aluminum lock, the weight has also been reduced. This makes it easier to handle the dissolution tester head without compromising its robustness.



The water outlet has been lowered further and also moved to the rear. This way, it does not interfere during the normal use of the dissolution tester. The outlet has also been fitted with a practical quick-release coupling that allows for the quick and leak-free connection of a hose.

FLEXIBLE DEVICE FOR NUMEROUS APPLICATIONS

## PRODUCT HIGHLIGHTS

100%

### 100% USP / EP / JP Compliant

Like all ERWEKA products, the DT 950 / DT 9510 series is 100% USP / EP / JP compliant.

### High-Head & Low-Head Mode

For easy access to the vessels and simple manual sampling



### USP Methods 1, 2, 5 and 6

Use of a variety of attachments for different USP methods due to the standardized shaft design



### Easy Cleaning

Easy cleaning of the waterbath and set-up area without requalification - bath can be completely emptied with the new water outlet



### External Heater

The external flow-through heater reduces the influence of external vibrations and ensures a constant temperature



### User Management & Method Memory

The DT 950 features a built-in user management to create new users with specific rights. Additionally, the device is equipped with an Active Directory function and has an integrated method memory.

TAILORED TO YOUR NEEDS

## OPTIONS

- | Automatic tablet drop magazine features
- | temperature tolerance control (USP) before dropping
- | Better sample visibility thanks to water bath illumination with white LEDs
- | External cooling device with autonomous operation
- | Upgradeable to an offline resolution system with Disso.NET
- | Video monitoring / recording via Disso.NET
- | Paddles, baskets, discs for paddle-over-disc, rotating cylinder, enhancer cell, intrinsic dissolution, felodipine baskets, suppository baskets, extraction cell
- | Dissolution qualification tool kit
- | IQ / OQ / PV documents
- | IQ / OQ / PV service
- | Maintenance service

DIGITAL DISSOLUTION TESTER DT 950 SERIES

**TECHNICAL DATA**

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