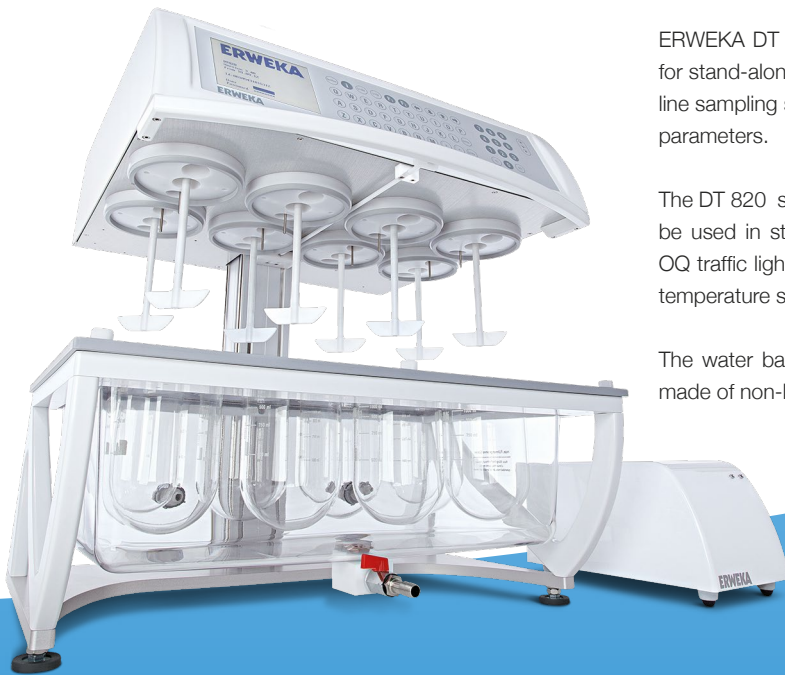


## Dissolution Tester DT 820 Series

Dissolution Tester USP Apparatus 1, 2, 5 and 6



ERWEKA DT 820 series offers advanced intelligence and features for stand-alone operation or for control of complete dissolution off-line sampling system. It allows storage of up to 60 product test-run parameters.

The DT 820 series can be equipped with 6, 7 or 8 test stations and be used in standard High-Head or Low-Head mode. It offers an OQ traffic light to show USP/EP compliance as well as an external temperature sensor for checking the water bath.

The water bath is designed for easy access and cleaning and is made of non-leaking PET.

### The DT 820 Series Highlights:

- Three locking positions for High-Head, Low-Head and cleaning position offer highest flexibility
- Easy and fast handling of the drive head height by manual lifter with gas strut support
- Easy programming by alpha-numeric touch-sensitive foil keypad
- Integrated system suitability test menu with documentation print out of temperature and rotational speed
- Automatic self-check of the temperature in the bath/vessel before test start
- External high power flow through heater with no vibration to the dissolution tester
- Pre-heating function, programmable for each weekday
- Calibration routine for temperature sensor and heater
- Quick exchange of stirring methods using same shafts
- One-piece moulded non-leaking PET water bath with outlet valve
- Non-corrosive construction (plastics, alloys, fluoropolymers)
- pH change routines, menu guided
- Print out of documentation
- User management, password protected
- Optimal vessel access and easy cleaning
- Independent external PT 100 temperature sensor

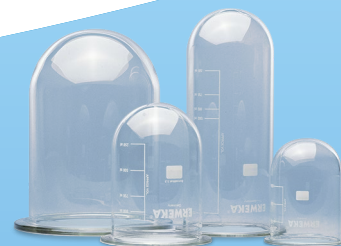


Easy to clean one-piece moulded water bath with outlet valve



The DT 820 series comes with built-in intelligence like large memory and system suitability tests

# DT 820 Series



## Specifications

Dissolution tester for USP methods 1 (Basket), 2 (Paddle), 5 (Paddle over Disk) and 6 (Rotating Cylinder) with 6, 7 or 8 test stations (826, 827, 828)

100% USP/EP/JP compliant

Fulfills all specifications in accordance with FDA "Mechanical Calibration"

Evaporation less than 1% during 24 h (37 °C / 50 rpm / 1000 ml)

USB-A printer interface (for selected printers)

Product memory for storage of up to 60 monographs

Rotational speed 20-220 rpm  $\pm$  2 rpm

Heating range: 30-50 °C ( $\pm$  0,2 °C), cooling optional

5.7" display, alpha-numeric touch-sensitive foil keypad

OQ traffic light for display of USP / EP compliance of the unit

Acoustic and optic reminder of manual sampling (29 intervals)

Dimensions: 830 mm (width incl. heater) / 640 mm (depth) / 940 mm (height) / 47 kg (weight)

## Options

- + Automatic tablet drop magazine with control of temperature tolerance (USP) before drop
- + USP compliant sampling station with automatic height adjustment of the USP sampling points
- + Illumination of bath (white LEDs) for better visibility of the samples
- + External cooling device with independent operation
- + Upgrade for control of offline sampling dissolution system
- + Offline components (pump, fraction collector)
- + Video monitoring and recording
- + Clear or amber glass vessels, various sizes
- + Paddles, baskets, disks, rotating cylinders, enhancer cell, intrinsic dissolution, felodipine baskets, suppository baskets, extraction cell
- + Dissolution qualification tool kit
- + IQ/OQ/PV documents
- + IQ/OQ/PV service
- + Maintenance service



Electronic temperature sensor for permanent check of bath temperature



The DT 828 with optional automated sampling station controls offline system