

# Introducing ZT 720 Series

The new generation of automated disintegration testing



**ERWEKA**

# ZT 720 Series for automated disintegration testing

The ERWEKA ZT 720 series automatically determines the disintegration time of each sample by use of a unique system of magnets and sensors. It also tests whether or not a sample completely disintegrates.

ZT 720 is available with 1 (ZT 721) or 2 (ZT 722) individually driven test stations, equipped with an integrated flow through heater. Its temperature sensor PT 100 allows constant control of the water-bath temperature. The ZT 720 series is controlled through an innovative 7" touch screen and is capable of storing and retrieving up to 100 products/methods with results and parameters.

Select the basket type for your individual need: Basket type A comes with 6 test tubes for standard tablets, basket type B contains 3 test tubes for bigger tablets according to USP/EP standards.

Effortless cleaning is easily possible due to the removable acrylic water bath equipped with an outlet. An USB and LAN interface ensures easy data export.



## Touch display

NEW!

Intuitive navigation due to user-friendly menu structure

## AutoBasket

NEW!

Automated determination of the disintegration time of each sample by built-in sensors

## Highlights

- Automated determination of the disintegration time of each sample by built-in sensors within the new AutoBasket
- Automated lift-in and lift-out of the basket rack at start/completion of the pre-set run-time
- 7" integrated touchscreen display for convenient and easy operation
- Lift drive with stepper motor for direct speed control
- User friendly validation function through the lifter
- Quiet and gentle lifter movement
- 100% USP/EP conform
- Access is password protected

# Intuitive menu operation via Touch display



## The new ZT 720 series touch display

During the development of the ZT 720 touch display we focused on the features which users find most important: Easy and fast creation of methods, quick launching of tests and documentation of test results. The intuitive touch display enables easy operation of all functions.

ZT 720 is equipped with 4GB memory to store up to 100 products/methods and about 1 million test results, which can be displayed and exported at any time, ensuring that no test results are lost. Comprehensive integrated calibration functions guarantee accurate results and document each calibration process: Maximum convenience combined with an extensive feature set.

### Touch display Highlights

- Intuitive navigation due to user-friendly menu structure
- 4GB memory for methods and test results
- Data export option: USB or LAN interface exports data in XML or CSV format
- Interconnect your systems: Load data from one system to another via USB/SD interface
- Automatic store function of test results after each test
- Back-up function through USB/SD-Card
- Customizable IQ/OQ/PV validation interval periods

# Technical Data & Options

|  |   |
|--|---|
| Test stations                                      | 1 (ZT 721) or 2 (ZT 722)  |
| Touch display                                      | 7"  |
| Memory function                                    | 4 GB memory for 100 products/methods and approx. 1 million test results         |
| Lift drive   | Step motor  |
| Speed mm/min                                       | 30 +/-1   |
| Height of stroke (mm)                              | 55 +/-2   |
| Heating  | Integrated flow through heating system  |
| Temperature control                                | External PT 100 temperature sensor  |
| Automatic determination of the disintegration time | AutoBasket type A (6 test tubes) or AutoBasket type B (3 test tubes plus discs) |
| Power consumption 230V/115V                        | 1750 Watt   |
| Voltage +/- 10%                                    | 230 VAC / 50 Hz - 60 Hz<br>115 VAC / 50 Hz 60 Hz                                |
| Interfaces   | USB A, USB B and LAN  |
| Printer interface for                              | Oki laser printer / HP laser printer  |
| Dimension width/depth/height weight                | 397 mm / 365 mm / 667 mm<br>30 - 35 kg  |

## Options

- AutoBasket type A (6 test tubes) & Type B (3 test tubes)
- Additional vessel for pre-heating (ZT 721 only)
- Disc remover for removal of type A discs from the basket
- Mesh 40 sieves for AutoBasket type A & B
- Printer
- IQ/OQ/PV documents
- IQ/OQ/PV validation service



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Technical specifications of products described are stated without warranty and are subject to change at any time without further notice. v.1.1.1.17

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