



ZT 730 WITH AIRBASKET

**CABLE-FREE DISINTEGRATION TESTING WITH
AUTOMATIC DETERMINATION OF DISINTEGRATION TIME**

CABLE-FREE DISINTEGRATION TESTING WITH AIRBASKET

THE ZT 730

The ERWEKA ZT 730 Series with cable-free AirBasket automatically determines the disintegration time of samples by using a unique system of magnets and sensors. The ZT 730 is available with one (ZT 731) or two (ZT 732) individually driven test stations and is equipped with an integrated flow-through heater.

Its cable-free AirBasket makes disintegration testing with automatic determination of the disintegration time as easy and fast as possible. The AirBasket is sealed and dishwasher-proof. It is also durable and can be used in acidic media. The baskets are available as type A baskets with 6 test tubes for standard tablets, or type B baskets with 3 test tubes for bigger tablets (according to USP/EP/JP standards).

The reliable waterbath technology utilizes the thermal inertia of water to create a steady temperature for testing according to USP/EP/JP standards. Its temperature sensor PT 100 allows constant control of the water bath temperature. The ZT 730 series is controlled through an intuitive 7" touch-screen and is capable of storing and retrieving up to 200 products/methods with results and parameters.

Reliable waterbath technology

The reliable waterbath technology utilizes the thermal inertia of water. Because water keeps its temperature rather steady, the waterbath of the ZT 730 Series with AirBasket holds the temperature steady. The waterbath also offers another advantage - it keeps the center of gravity of the equipment low and prevents falling over.

KEY FACTS



One or two test stations



Cable-free basket



Reliable waterbath technology



Intuitive touch interface



Type A and B baskets available



7" touch display

With the intuitive touch interface, the ZT 730 with AirBasket can be used quickly and efficiently. It offers memory for products and results, has user management and stores test results.

It also shows the disintegration time of each single test position once the sensor detects the full disintegration of the tablet.

One or two test stations with AirBasket

The ZT 730 can be configured with either one or two test stations with AirBasket. The cable-free AirBasket can be equipped within seconds and is available in either Type A or Type B.

- | ZT 731 with 1 test station
- | ZT 732 with 2 test stations
- | AirBaskets Type A and Type B available



THE CABLE-FREE AIRBASKET

DISHWASHER AND ACID PROOF

With the AirBasket, disintegration testing with automatic determination of the disintegration time is cable-free. The AirBasket is simply placed into its holder on the device, where it automatically connects without the need for cables.

This reliable and seamless connection enables dependable wireless data transmission every time the AirBasket is installed. It is completely sealed, so the AirBasket can be easily cleaned in a dishwasher, further increasing the ease of use and speeding up test preparation times.

The redesigned locking mechanism for the glass tubes is magnetic, enabling fast and easy removal of glass tubes and test discs within seconds after the test. And last but not least, the AirBasket is acid proof, enabling it to be used in aggressive media.



Available as A- and B-Basket Magnetic lock for easy use



Cable-free



Acid & dishwasher proof



Dishwasher proof

Cleaning of the AirBasket is as easy as ever - simply drop them in the dishwasher! The sealed electronics compartment is completely resistant to standard dish washing.

We strongly recommend regular cleaning of the AirBaskets to prolong their life, especially when using acidic media.

READY TO TEST WITHIN SECONDS.



THE ZT 730 SERIES TOUCH DISPLAY

INTUITIVE AND RELIABLE

During the development of the ZT 730 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.

The ZT 730 is equipped with a 4-GB memory to store up to 200 products/methods. Comprehensive integrated calibration functions guarantee accurate results and document each calibration process: Maximum convenience combined with an extensive feature set.

Additionally, the Export Manager software enables automatic export of PDF and XML data after each test.



Easy-to-use
7" touch display




User & method
management

Highlights

- | Intuitive navigation due to user-friendly menu structure
- | 4 GB memory for methods and test results
- | Data export via USB or LAN in XML or CSV
- | Export Manager software for automatic PDF or XML export after the test
- | 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 ZT 730:

Test	Min: 30 sec / Max: 99 hours, 59 min, 59 sec Test for tablet, oblong, dragée, caplet, film-coated tablet, capsule, core, patch, pellet, pastille
Test stations	1 (ZT 731) or 2 (ZT 732)
Basket types	AirBasket type A (6 test tubes) or AirBasket type B (3 test tubes) plus discs
Measuring principle	Automated detection of disintegration time with AirBasket, pH change with visual check of intact formulations
Method & product management (fixed test parameters)	200 methods, Define min. / max. disintegration time, max. distance after disintegration, resist time, pH change after x min.
User management	100 users
Device control	7" Touch interface
Language	EN / DE
Stroke rate	30 ± 1 strokes/min
Stroke height	55 ± 2 mm
Units	Distance: mm / Temperature: °C / Volume: ml
USP / EP chapter	USP <701> (2020-04), USP <2040> (2018-08), EP 2.9.1 (2022-01), JP 6.09
CE conformity	
Heating	Integrated flow through heating system
Temperature control	External PT 100 temperature sensor
Water bath capacity	7 l
Printing	PDF & XML via Export Manager
Interfaces	USB A, USB B, LAN, SD card slot
Power supply	100 - 240 VAC / 50 - 60 Hz
Power consumption	Max. 1500 Watt
Fuses	15 A-T
Protection class	I/EN 61140

Protection type	IP 21/IEC 529
Ambient temperature during operation	+10°C to +30°C (Ambient temperature at least 5°C lower than test temperature)
Storage & transport temp.	+5°C to +40°C
Relative air humidity	25-80% no condensation
Airbone noise emission	Max. 70 dB(A)
Weight	35 kg
Dimensions (W x H x D)	364 x 667 x 443 mm

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