



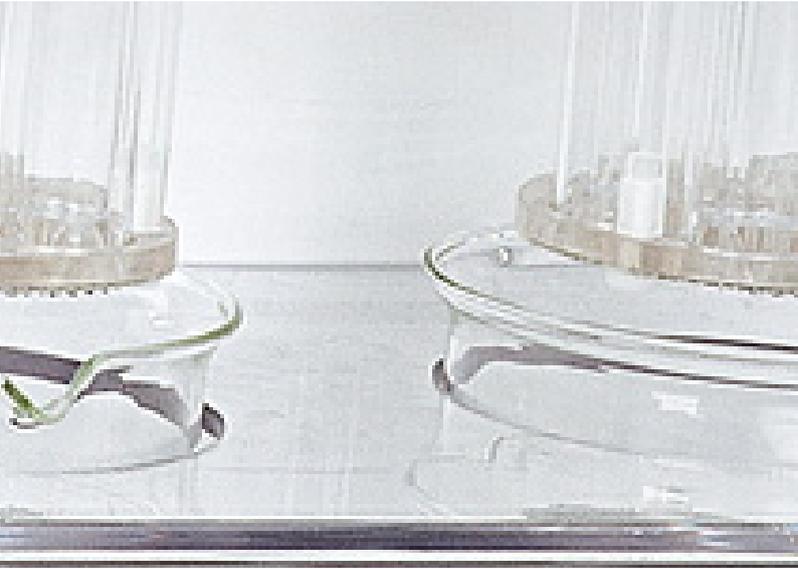
DISINTEGRATION TESTER
ZT 320



On the ZT 320 disintegration testers series, the test stations (one to four) are driven individually. In order to guarantee outstanding quality and the highest ease of use each test station is controlled by its own keypad. After programming the required test run time, the basket rack assembly with its loaded samples is automatically lowered into the media. On completion of the preset run time or when the stop button is pressed, the basket rack is raised from the media to prevent further disintegration of the samples (optional).

The temperature displayed on the LED display is the one measured by the standard external temperature sensor, either located inside the water bath or the test media. The optional type "B" basket rack assembly with three larger test tubes can be fitted to all ZT 220/320 disintegration testers.

Optionally the basket rack assembly is moved into the media when the start button is pressed and automatically raised on completion of the preset run time or when the stop button is pressed. All recorded test run parameters can be hard copied via the USB printer interface. The actual disintegration time can be added manually afterwards.



WIDE RANGE OF ADDITIONAL ACCESSORIES

ACCESSORIES

The ZT 320 series can also be equipped with 100 % USP/EP/JP compliant "Quick-Clean" basket racks and type "B" baskets with three larger test tubes. Of course, all required validation handbooks and tools as well as ERWEKA PQ tablets with specified disintegration times are available.

DISINTEGRATION TESTER

KEY FEATURES



1 to 4 racks

ZT 320 series is available with up to 4 racks for baskets with either 3 or 6 test stations.



Stroke height

55 ± 2 mm stroke height



Integrated flow-through heating system

Accuracy $\pm 0.2^\circ\text{C}$,
temperature range
30-50°C



Up to 100 samples per test

ZT 320 SERIES IS CUSTOMIZABLE TO YOUR NEEDS

OPTIONS

- | Baskets type A (6 glass tubes) or type B (3 larger glass tubes)
- | Automated lift-in and lift-out of the basket rack assembly/ies on start/completion of the preset run time of each test station. This option guarantees that the disintegration of the samples cannot go on when the preset run time is completed.
- | Media pre-heat and disintegration rack storage container located in the water bath (ZT 321 and 323 only)
- | Quick-Clean basket (100 % USP/EP/JP compliant) for fast cleaning of the test stations. No tools required for assembly and disassembly.
- | Baskets with three test stations with an inner diameter of 30 mm, according to EP, type "B"
- | Water stabilizer with color indicator

DISINTEGRATION TESTER ZT 320

TECHNICAL DATA

Weight	23 (ZT 321) / 33 (ZT 322) / 47.5 (ZT 323) / 51.5 (ZT 324) kg
Dimensions (H x W x D)	660 x 430 (ZT 321-322) / 750 (ZT 323-324) x 400 mm
Voltage	110/220/240 V; 50-60 Hz
Fuses	15 A / 3.15 A
Interfaces	RS-232
Test stations	1 / 2 / 3 / 4 (ZT 321-324)
Control	LED display with foil keypad
Stroke height	55 ± 2 mm
Stroke Speed	30 ± 1 strokes/min
Heating	Integrated flow-through heating system (accuracy ± 0.2 °C)
Temperature range	30 °C - 50 °C (± 0.2 °C)
Run time	Up to 99 h, 59 min, 59 s ± 1 s