

# Tablet Disintegration Tester

## test method

This test is provided to determine whether tablets or capsules disintegrate within the prescribed time when placed in a liquid medium at certain experimental conditions.

## tablet disintegration tester

- Meets current specifications of USP, IP, and other Pharmacopoeias
- Specifically designed for use in the quality and production control of normal plain coated tablets and gelatin capsules
- Programmable Temperature and Time
- Molded, Clear acrylic water bath with illumination for better visibility
- Baskets are automatically lifted at the end of the test
- Capability for dual buffer disintegration test
- Audible, low water level alarm with indication on display for safety.
- External temperature sensors available for individual beaker

The Tablet Disintegration Tester is advance microcontroller based with user friendly software in dialog mode. The Alpha-Numeric splash proof keyboard allows entries such as sample name, sample number or ID number for data authentication. The report printout complies with GLP requirements and a built-in Real Time Clock provides date, time display, and authenticity of the printout.

## ordering information

catalog no.	description
K90650	Tablet Disintegration Tester, 115V
K90659	Tablet Disintegration Tester, 230V



K90650 Tablet  
Disintegration Tester

## specifications

Operating Modes: Count or Time, user selectable  
Dip Speed:  $30 \pm 1$  DPM  
Stroke Length:  $5.5 \pm 0.1$  cm  
Water Bath Temperature Range: ambient +5 to 50°C  
Water Bath Temperature Accuracy:  $\pm 0.2^\circ$   
Water Bath Circulation: Immersion Pump  
Beaker Volume: 1000 mL  
Basket: 2 x 6 test positions (10 mesh) USP Type A  
Fluted Disc: 6 in each basket (USP Type)  
Test Mode:  
    Programmable Time: Up to 99:59 (hh:mm)  
    Display Format: 99:59:59  
    Optional: Dual Station with individual drive available  
Display: 20 x 2 Lines, Back light LCD Display  
Keyboard: Alphanumeric, splash water proof, polyester soft keys  
Output: Printer, RS-232C, Parallel Port, PC Connectivity for Data Downloading  
Power Requirement: 230V / 50 Hz, 275W  
Environmental Operating Conditions:  
    Operation: Indoor  
    Temperature: Ambient to 45°C  
    Humidity: 20% to 80%

**Dimensions** wxdxh, in. (cm)  
13 x 13 x 22.8 (33 x 33 x 58)  
Shipping Weight: 82 lb. (37 kg)