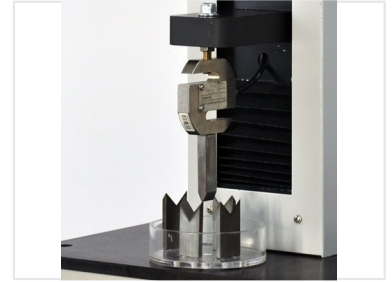


Ampoule Breaking Force Tester

The ampoule breaking force tester offers quantitative analysis of ampoule breaking strength. It is commonly used to evaluate the structural integrity of ampoules, which are essential in pharmaceutical and clinical settings.



ADDITIONAL IMAGES



Overview

Precision Ampoule Testing

The Ampoule Breaking Strength Tester provides a quantitative method for evaluating the structural integrity of pharmaceutical ampoules. By simulating the snapping action used in clinical settings, this instrument ensures that ampoule necks meet precise breaking force requirements for safety and usability. It utilizes a high-precision load cell and PLC control to deliver accurate, repeatable test results essential for pharmaceutical quality control.

Technical Specifications

Test Range

200 N

Breaking Force

Standard Test Speed	10 mm/m
Power Requirements	AC 220V 50Hz
Dimensions	400mm (L) × 340mm (W) × 800mm (H)

Key Features

Control System

- 7-inch TFT touch screen
- PLC programmable logic controller
- Precision ball screw drive
- Limiting device for safety
- Automatic return function

Testing Capabilities

Tensile Testing, Compression Testing, Adjustable Speed, Multi-fixture Compatible