

# TABLET TESTING TECHNOLOGY

**New!  
WIP**

CALL FOR PRICING

## UTS - Stevens Industries Universal Tablet Testing System with 12-Station Feeder

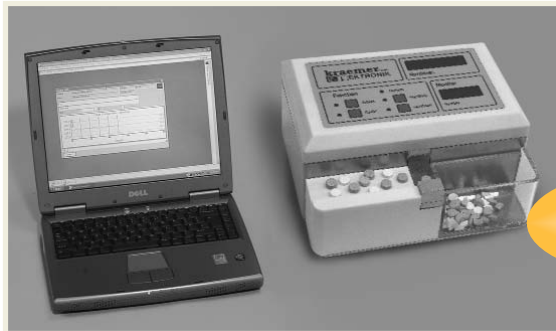
The Stevens Industries Universal Tablet Testing System (UTS) saves time and money by combining multiple functions into a single process. This one system automates the analysis of determining weight, thickness, diameter, and hardness with results statistically evaluated, printed, and stored for future review.

The UTS can be fully calibrated, including all test stations, within 10 minutes.

An optional automatic 12-station feeder allows different size tablets to be analyzed simultaneously. The UTS will generate cost savings in the tablet production process by automating manual procedures.



Mfg. List Price \$63,770



**New!**

The new simple version tablet testing system uses current technology with the high speed accuracy of automated systems by integrating PH21 software with basic testers. This cost effective system downloads test data automatically after each individual test. A comprehensive report of the test results is generated instead of the labor of hand written documents.



## CIW Weighing System

Designed as an important and economical extension for capsule and tablets production, it excels through the following features:

### ■ Fully automatic operation

The CIW weighs your test samples fully automatically with no need to monitor the production process at any time.

### ■ Reliable weighing

Our weighing system operates with absolute accuracy. Time-consuming check weighing of your capsules, tablets and other hard forms administered can be omitted in the future.

### ■ Standalone or Windows® mode

In standalone mode, you can manage up to 50 products. Parameter input is via touch screen display, and measurement results can be recorded and printed. You can also process your results on a PC under Windows and store them in a database.

### ■ Endless options

The CIW weighing system is available in multiple variants. With ATS air conveyor and additional 12-station feeder and/or collector, your opportunities are virtually endless.



## Single Feed Unit

### Patented solutions

The operation of the CIW is convenient and efficient. In the patented single feed unit, the tablets are automatically deducted, separated and fed into the star-shaped transfer element with the use of dust-insensitive sensor. Using the PH21 software, you predefine the number of test samples per test run for each measurement station. After testing, obsolete test samples are automatically discharged into a collecting hopper, so you can focus on more important duties.

## Automatic Tablet Disintegration Tester

The Stevens Industries Tablet Disintegration Tester (DISI) combines a proven design with new innovative concepts of data acquisition and data analysis. DISI has been developed in conjunction with the well known PH21 pharmaceutical production control software system.

More than 10 years of experience in the field of pharmaceutical electronic and software applications have influenced the DISI's unique design.

- **precise**
- **reliable**
- **innovative**
- **easy, PC-supported operation**

### System operation

All DISI operations are performed via the PC's Windows-based operating interface. Thanks to the very well-known Windows® operating environment, the user will become familiar with the system in a very short period of time. The software benefits from the new Windows® 32-bit operating system and contains the well known Microsoft Access database.



**Mfg. List Price**  
**\$47,000**

The system corresponds to the latest requirements of FDA 21CFR Part 11. All operations are password protected. A flexible access management scheme allows tailoring the access control to any customer specific requirements. All relevant operations will be logged into a protected event logbook (audit trail).

## Semi-automatic Tablet Disintegration Tester

### System operation

All DISI-M operations are performed via the front panel machine operating interface. Thanks to the very easy operating environment, the user will become familiar with the system in a very short period of time.

The basket assembly is extremely robust and can be easily removed through a quick release attachment. For cleaning, the baskets can be fully submerged into an ultrasonic cleaning bath.



**Mfg. List Price**  
**\$18,760**

## C-53 Tablet Hardness Tester

**New!**

The new C53 tablet weight & hardness tester is an improved replacement for the C50 from I Holland. The C53's enhanced performance features come at no extra cost.

Key benefits of the C53 are:

- A smaller and lighter model allowing the unit to be easily moved within the production environment
- More energy efficient
- Easily accessible data when connected to balance and calliper:
  - Tablet thickness, weight and hardness values can be printed on one information sheet
  - Automatic sizing of tablet



**Mfg. List Price \$12,075**

The C53 is able to connect a digital calliper and Micro balance, enabling tablet weight, thickness and hardness to be printed from the integral printer.

### Other features include:

- 20 column x 4-line LCD display
- 'Standard' setting for easy operation
- Compact Qwerty keyboard available
- Test results printed and/or sent to a PC
- USB and RS232 ports incorporated for data transfer
- Software can be easily customised to bespoke output requirements
- Thickness measuring calliper available to interface
- Micro balance available to interface

## Abrasion and Friability Test Unit

The Abrasion and Friability Test Unit is equipped with two test stations. Alternative test drums can be mounted for executing roll and fall friability tests or for abrasion tests on tablets, capsules, granules, etc.

- **Quick release nut for drum installation**
- **GMP - conforming stainless steel housing**
- **Operator friendly foil keypad**

### OPERATING MODES

**Preset time:** A preset time from 1 minute to 23 hours and 59 minutes is entered via the keypad. The LC-display shows the preset time as well as the time still left to run. The unit switches off automatically when the test period has elapsed.

**Preset number of revolutions:** The total number of revolutions (up to 999,999) is entered via the keypad and remains on the LC-display with the number of revolutions left to run. The unit switches off automatically when the correct number of revolutions has been executed.

**Set rotational speed:** The speed of rotation is set via the keypad to between 10 and 99 rpm.



**Mfg. List Price \$4,795**