



## KRAEMER UTS 4.1 - AUTOMATIC TABLET TESTING SYSTEMS



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**SKU:** 11516 | **Categories:** [Analysis equipment for laboratory](#), [Laboratory machines](#)

### PRODUCT DESCRIPTION

**Sold for parts, ADU card missing.**

Automatic tablet testing system

- Laboratory measuring equipment
- Tablet tool

Enables testing of:

- Hardness
- Diameter
- Thickness



- Weight

Precision balance Sartorius WZ64S

Scale : 10 à 50 g

Unit : mg / 0,5 mg / 0,1 mg adjustable

Thickness

Drive: stepper motor.

Measuring principle: linear potentiometer.

Unit of measurement: mm or inch.

Tolerance: +/- 0.1 mm

Hardness

Drive: stepper motor.

Measurement: load cell (1mz)

Measurement principle: dynamometric gauge

Unit: N, Kp or Sc

Diameter

Drive: stepper motor.

Measuring principle: stepper motor.

Unit of measurement: mm or inch.

Scale: 3 - 18 mm / 3 - 30 mm (manual)

Tolerance: +/- 0.1 mm

Tension : 100 / 240 V, 50Hz / 60 Hz

The UTS is a universal, fully automated testing system developed for use in industry. This tool is the approved model of a series of test systems that have been tested over many years. It was developed in close collaboration with the pharmaceutical industry.

The UTS 4.1 can be used to test round, oval, square and oblong tablets, as well as many special shapes. For delicate oblong tablets, the proven oblong centring system (OZB) can be integrated.

All parts requiring cleaning can be removed quickly and easily without any tools.

The test system can be supplemented with various options, such as a distributor and/or sample collector with a different number of stations.

Use the UTS as a laboratory tester or an online control device connected to a tablet press. Sampling can be triggered either in the production machine or using the TTS11 software.



