

## STANDARD DEVICE

# UTS 4.3-S20

Automatic testing system

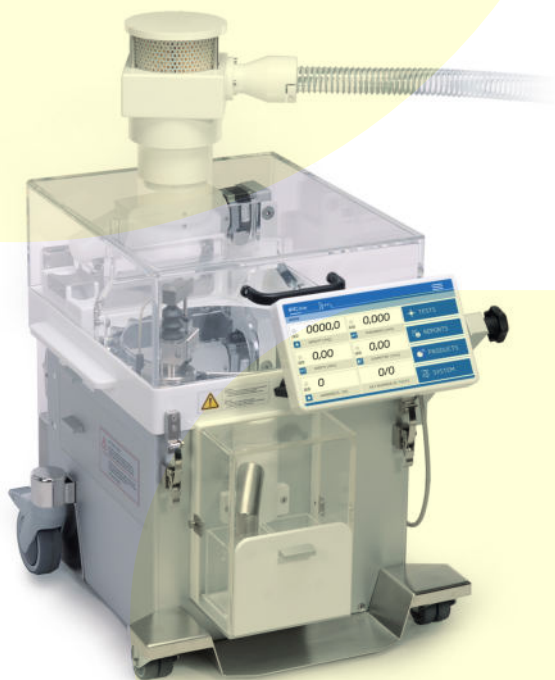
Dust – proof design

The UTS 4.3-S20 by Kraemer, is a universal and fully automatic tablet testing system based on the long-proven UTS 4.1 – this was developed for industrial use and can be found in production worldwide. The tester is now equipped with the database-driven, intuitive all-in-one touch software, including user management and batch evaluation reports.

The UTS 4.3-S20 dust proof design features a unique removable top frame for better cleaning access. The frame and its hood can be removed without the need for any tools.

The optional PH21 Software provides a professional data management system for solid dosage forms. It incorporates extensive functions for in-process control, network applications and multiple tablet tester operation.

With UTS 4.3-S20 – as with the proven UTS 4.1 in the IPC range – you can test round, oval, square and rectangular tablets as well as numerous special shapes. For difficult oblong tablets, the globally used Oblong Centering System (OZB) can also be integrated.



Pic.: UTS4.3-S20

## MEASURED PARAMETERS



WEIGHT



THICKNESS



LENGTH/DIAMETER



BREAKING FORCE



WIDTH  
(OPTIONAL WITH OZB)

## ADVANTAGES

- + Solid industrial construction
- + Intuitive touchscreen operation
- + Cover with seal for dust protection
- + Sealed rear waste bin
- + Sealed front bins with 2-way diverter
- + OEB 3 class
- + Removable frame for cleaning
- + Better operator protection
- + Universal application

## FUNCTIONS

- Application with monitoring of the complete process
- Results of all 4 parameters shown during test in the display
- Adjustment and calibration via display
- RS232 / LAN Interface for PC
- 24V Switching outputs for external-diverter and air transport or alarms
- Input / output for external devices

## OPTIONS

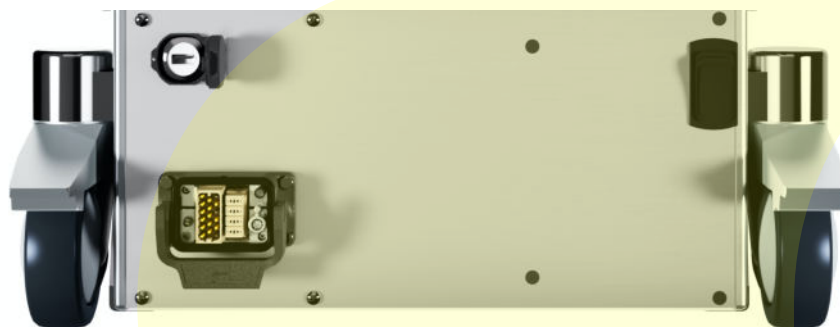
- PH21 Software
- OZB
- Single air transport
- Double air transport
- Large bin
- Transport device
- IQ, OQ, PQa

# Testing Systems for use in the laboratory

## Technical data UTS 4.3-S20

[www.ischi.com](http://www.ischi.com)

| Scale                  |  | Technically specified   |
|------------------------|--|---|
| Unit of measurement    |  | mg / g  |
| Measuring range        |  | 10 – 50 000 mg  |
| Measuring accuracy     |  | ±1 mg in stable environment, ±2 mg in unstable environment                  |
| Measurement resolution |  | 1 mg / 0.1 mg (adjustable)  |
| Thickness              |  | Technically specified   |
| Unit of measurement    |  | mm / Inch   |
| Measuring range        |  | 0 – 17 mm   |
| Measuring accuracy     |  | ±0.05 mm  |
| Measurement resolution |  | 0.01 mm   |
| Diameter/length        |  | Technically specified   |
| Unit of measurement    |  | mm / Inch   |
| Measuring range        |  | 0 – 18 mm   |
| Measuring accuracy     |  | ±0.05 mm  |
| Measurement resolution |  | 0.01 mm   |
| Hardness               |  | Technically specified   |
| Measuring range        |  | 4 – 500 N (standard),<br>8 – 1 000 N (optional),<br>4 – 50 N (optional)     |
| Measuring accuracy     |  | ±1 N (standard),<br>±2 N at 1000 N (optional),<br>±0.1 N at 50 N (optional) |
| Unit of measurement    |  | N / Kp / SC   |
| Calibration            |  | Static, optional dynamic  |
| General                |  |   |
| Interfaces             |  | 1 x RS-232 / 1 x RS-422   |
| W x D x H              |  | 495 x 624 x 545 mm  |
| Weight of basic unit   |  | 42 kg   |
| Mains connection       |  | 100 – 240 VAC, 50 / 60 Hz   |



Connections UTS 4.3-S20,  
back side