STANDARD UNIT

UTS 4.3

IPC version
Automatic testing system

FDA 21 CFR 11 Compliance

Introducing the UTS 4.3: The Next-Generation Tablet Testing Solution. Elevate your production capabilities with the UTS 4.3, a state-of-the-art, fully automatic tablet testing system that builds on the robust foundation of the acclaimed UTS 4.1.

The UTS 4.3 model is revolutionized with a database-driven, intuitive, all-in-one touch software, designed to streamline your operations. Its modular software functionality can be customized to meet your unique needs and requirements, ensuring a perfect fit for your production line. Stay compliant with ease, as the UTS 4.3 also offers an optional FDA-21-CFR-Part-11 module to meet FDA regulations seamlessly.

Versatility at its best, the UTS 4.3 IPC version accommodates a wide range of tablet shapes and sizes – from round, oval, square, to rectangular, including numerous special shapes. For challenging oblong tablets, incorporate the globally acclaimed Oblong Centering System (OZB) for unmatched precision.

Enhance your connectivity and control with the UTS 4.3's new all-in-one connection line, enabling direct control from the tablet press for unparalleled efficiency. Choose to manage sampling via the production machine or the advanced PH21 software solution for flexibility and control.

MEASURED PARAMETERS

- WEIGHT
- THICKNESS
- DIAMETER
- LENGTH
- HARDNESS
- WIDTH (OPTIONAL)

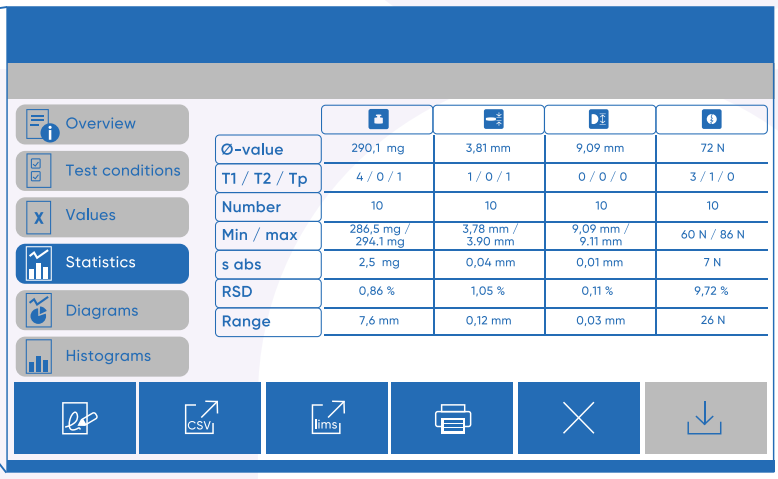
ADVANTAGES

+ Intuitive touchscreen operation
+ Modularly expandable, database-driven All in-one touch software
+ Automatic positioning of tablets
+ Measuring range (hardness) optional up to 1000 N
+ Interfaces: USB and LAN
+ Solid construction

OPTIONS

+ Oblong Centering System (OZB)
+ Load cells: 500 N (standard), 1000 N
+ 12-station collector
+ License: FDA 21 CFR Part 11 (including audit trail, batch report, user management)
+ Licenses: PH21 user management, import and export (LIMS,CSV), IQ/OQ
+ Further software licenses on request

Pic.: UTS 4.3 as basic unit



Pic.: Powerful, innovative touch panel software

ischi OSD technologies

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Testing Systems for use in production line

Technical data UTS 4.3

www.ischi.com

Scale	Technically specified	Guaranteed for this specific device
Unit of measurement	mg / g	mg / g
Measuring range	10 – 50 000 mg	10 – 50 000 mg
Measuring accuracy	±1 mg in stable environment, ±2 mg in unstable environment	±1 mg in stable environment, ±2 mg in unstable environment
Measurement resolution	1 mg / 0.1 mg (adjustable)	1 mg / 0.1 mg (adjustable)

Thickness	Technically specified	Guaranteed for this specific device
Unit of measurement	mm / Inch	mm / Inch
Measuring range	0 – 17 mm	3 – 12 mm
Measuring accuracy	±0.05 mm	±0.05 mm
Measurement resolution	0.01 mm	0.01 mm

Diameter/length/width	Technically specified	Guaranteed for this specific device
Unit of measurement	mm / Inch	mm / Inch
Measuring range	0 – 18 mm (for bigger or smaller tablets special UTS 4.3 models are available)	3 – 18 mm
Measuring accuracy	±0.05 mm	±0.05 mm
Measurement resolution	0.01 mm	0.01 mm

Hardness	Technically specified	Guaranteed for this specific device
Measuring range	4 – 500 N (standard), 8 – 1000 N (optional), 4 – 50 N (optional)	4 – 400 N (standard), 8 – 800 N (optional), 4 – 40 N (optional)
Measuring accuracy	±1 N (standard), ±2 N at 1000 N (optional), ±0.1 N at 50 N (optional)	±1 N (standard), ±2 N at 800 N (optional), ±0.1 N at 40 N (optional)
Unit of measurement	N / Kp / SC	N / Kp / SC
Calibration	Static, optional dynamic	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

Type options:

UTS 4.3
With transport device

UTS 4.3-12SR
With transport device and collector

UTS 4.3-S20
Dust-proof version

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