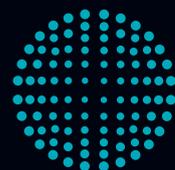




Automatic Tablet Testing System **Checkmaster CM-X**



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Checkmaster CM-X

Automatic Tablet Testing System

with advanced functions for containment systems

The new CM-X impresses with its clean, robust case, compact dimensions and new functionalities. The device can be automatically leveled and optimally aligned at the push of a button. Swivel castors also allow easy maneuvering of the testing system.

SmartFeed, the new singulation system, includes a progressively controlled singulation groove with automatically adjustable inclination. This enables a very quick separation of the tablets and increases the throughput of the tablets to be measured.

The product infeed is designed with Triclamp DN50 as standard. To drastically reduce tablet dust in the device, you can upgrade the CM-X with the new CleanFeed-module IP65 as an option: Shielding during sampling and dedusting is performed automatically before tablets are fed into the test system.

The 360° LED status display allows you to see the system status well, even from the distance. Depending on customer requirements, the system supports 3 interchangeable thickness gauge modules with different accuracy classes. Also for the hardness determination the different hardness measuring ranges can be adapted according to the requirements.

Thanks to the retractable 7" touch display and the new database-driven, intuitive all-in-one touch software, the testing system is easy to operate and control. For most applications, additional software options are no longer necessary.

To ensure European & US Pharmacopoeia and 21 CFR Part 11 compliance, you can expand the functionality of the software modularly – fitting your requirements.

The new transport star unit allows individual adaptation to tablet formats using eight easily exchangeable inlays each. Even unusual tablet formats can be positioned and measured well. Positioning is supported by the optional VibraFix module for length alignment of the test specimens and for stabilizing the oblong tablets during hardness determination.

Due to its design, the new Checkmaster CM-X achieves a tablet throughput up to 50% higher than comparable devices.

BENEFIT

- + Robust and compact design
- + Full communication with all Fette Compacting tablet presses with Visual 8* HMI software
- + Integrated automatic leveling system
- + Stand-alone operation possible
- + SmartFeed system for quick separation of the tablets
- + 360° LED status display
- + Measuring range (hardness) optionally up to 800 N
- + Modular expandable, database-supported all-in-one touch software

* Visual 8 for all machines as option available



SmartFeed – new singulation system with automatically adjustable inclination of the singulation groove



CleanFeed-module IP65



VibraFix-module for tablet positioning



Tablet dust removal, optional via suction

Technical data

Weight	48 kg*
Dimensions W x D x H	538 x 529 x 490 mm
Location of Use	Only indoor use Even ground (±1°) No strong electromagnetic fields

Environment

Temperature (in Operation)	+10 °C to +30 °C (+50 °F to +86 °F)
Relative Humidity (in Operation)	20–70 %, no condensation
Height above Sea Level (in Operation)	0–2000 m
Air Pressure (in Operation)	860–1060 hPa
Transport and Storage	–5 °C to +40 °C (+23 °F to +104 °F)

Installation Requirements

Electrical	100–250 VAC, 50/60 Hz, 250 W
Fuse	2 A
Wiring	min. 3 x Cu 1.5 mm ² / 3 x AWG15

* weight may vary depending on option

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