Checkweighers

HI-SPEED
Checkweighing

XD3

Efficient and flexible

7.0" Intuitive User Interface

Diagonal color touch screen provides easy operation, excellent visibility, and fast product changeovers.

EMFR Weigh Cell

METTLER TOLEDO Electro Magnetic Force Restoration (EMFR) weighing technology for unparalleled dynamic weighing performance.

Short Lead Time

XD3 Gets you up and running faster with a 3 week lead time on any configuration.

XD3 shown with an optional outfeed conveyor and push-off rejector.

Benefit from the flexibility of the XD3

The XD3 color touch screen user interface and METTLER TOLEDO Electro Magnetic Force Restoration (EMFR) weighing technology, combine to deliver superior dynamic weighing performance and unsurpassed ease of use in a compact, flexible, and economical system.

With a weight range up to 6000 grams and a wide variety of control, package handling, monitoring and detection options, the XD3 can easily be configured to handle virtually any application.

METTLER TOLEDO

XD3
–effecient and flexibile operation with the XD3

The XD3 checkweigher offers accuracy from ± 200 mg and can provide real time access to production results to help keep your process on target. A complete offering of production monitoring and control, safety, and line integration options help you manage and improve your production line Overall Equipment Effectiveness (OEE).

The XD3 delivers great flexibility in conveyor sizes, conveyor speed, direction of travel, product handling, and line height to ensure easy integration into existing lines. The simple "no tools' design provides easy access for inspection, maintenance, or cleaning.

XD3 Standard Features

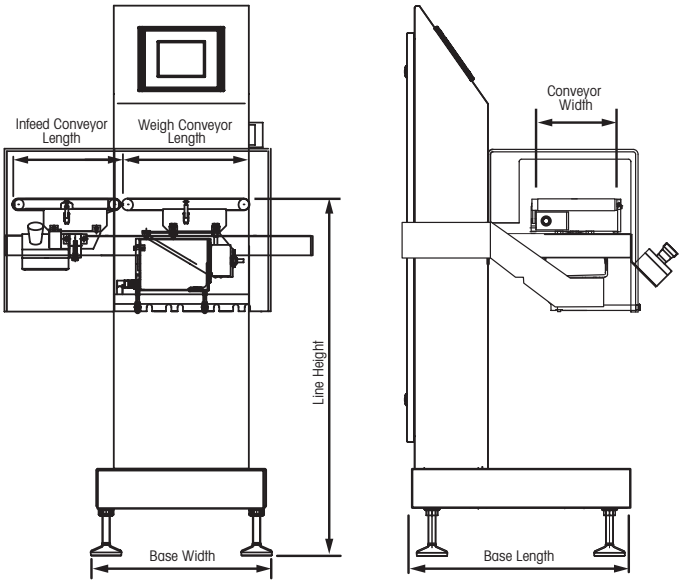
- Stainless Steel and Aluminum Construction
- Infeed and Weigh Conveyor
- Compact Design Integrates Easily into Production Lines
- METTLER TOLEDO EMFR Weigh Cell Technology
- Servo Controlled Infeed, Weigh Conveyors for Precise Speed Control
- Ingress Protection to IP54 Specifications
- Variable Conveyor Height
- Draft Shield

XD Weighing Controller

- UL508A Listed
- Bright, High Contrast 7.0" Diagonal Color Touch Screen User Interface
- 800 x 480 Color Pixel Resolution
- Informative "Dashboard" Layout Featuring 16 Separate Display Fields for "At-A-Glance" monitoring of Production Processes
- Industrial PC with Windows™ XPe Operating System
- Intuitive Menu Driven Navigation
- Statistics Program for Monitoring of Production Results
- 100 Product Memory
- 3 Weight Classification Zones
- Multi-Level, Password Protected Security System
- Weight Data Interface: Ethernet TCP/IP
- Supports 28 Languages
- PackML V3.0 Machine State Model for Display Only (See Fieldbus Interfaces for Communication of PackML)
- ProdX Inspect™ ProSync Device Interface

Options and Accessories

- 5 Weight Classification Zones
- Infeed Guide Rails
- Infeed Transfer Plate
- Outfeed Conveyor
- Push Off Rejector
- Lockable Catch Bin
- 200 Product Memory
- Weight Data Interface: Serial
- Fieldbus Interface Modules (FIM) for: DeviceNet, ControlNet, Ethernet IP, and Profibus DP (Includes PackML V3.0)
- METTLER TOLEDO Hi-Speed OPC Server (OPC DAS 2.05A)
- PrintStick Reader PC Software
- ProdX Inspect™ Monitoring & Data Management Software for Product Inspection Programs (Checkweigher, Metal Detector, & X-ray)
- Select Variety of Production Monitoring and Control Options Including Mean Value Trend Monitoring and Fillhead Feedback



XD3 Typical Drawing

XD3	Technical Data		
Weighing Range, Specific to Article Weight*	Maximum Capacity 6000 g		
Accuracy**	From ± 200 mg		
Throughput (Weighings/Minute)**	Maximum 200		
Line Height	600 – 1000 mm ± 30 mm		
Base Width	440 mm		
Base Length	560 mm		
Pulley Diameter	38 mm		
Power Requirements	110/220 VAC, 50/60 Hz, Single Phase, ≥ 500 VA		
Weighing Conveyor	Width (mm)		
	Length (mm)	200	300
	300	◆	N/A
	400	N/A	◆
Infeed Conveyor	Width (mm)		
	Length (mm)	200	300
	300	◆	N/A
	400	N/A	◆
Optional Outfeed	Width (mm)		
	Length (mm)	200	300
	400	◆	◆

◆ Standard Configuration with 3 Week Factory Lead Time.
N/A Not Available
* Depends on the Design and Dimensions of the Weighing Conveyor Used
** Depends on the Weight, Dimensions, and Transport of the Product to be Weighed

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