

FreshStar Touchscreen Scale

Flexible, Precise, Smart



The FreshStar scale features a sophisticated, minimalist design and is enriched with key details and advanced features that improve the efficiency of retail operations. FreshStar enables a significant reduction in maintenance costs, promotes operational excellence and brings innovation to your business processes.

FreshStar embodies a product concept centered on modern design, cutting-edge technology, and reliability. FreshStar offers convenient and intuitive touchscreen operation for sales counters, backrooms and self-service weighing areas of grocery retailers.

FreshStar Touchscreen Scale

Enhanced User Experience

The FreshStar smart touchscreen scale with linerless printer combines modern design, innovative technology, reliability and intelligent maintenance. Its precise weighing, smooth operation and powerful performance as well as the systematic design and high-quality components ensure a long life cycle, even under intensive use. FreshStar offers retailers both a sophisticated design and optimized total cost of ownership.



Modern Design

- Future-proof design for a pleasant, streamlined store environment.
- Robust and lightweight die-cast aluminum base flexibly adapts to various counter layouts.



Innovative Technology

- With its intuitive GUI, powerful search and smooth operations, training new operators is easy and efficient.
- 15.6" anti-glare display improves visibility, accuracy and ergonomics while preventing operator eye fatigue.
- Large customer display supports in-store advertising.
- U3 model with self-service functionality and intuitive GUI allows consumers to easily operate the scale themselves, thus further reducing labor costs.



Durable and Reliable

- Die-cast aluminum base is wear-resistant, hygienic and robust.
- Long printer life with consistent, reliable performance.
- High-speed mounted linerless printer with clean paper-cutting functionality reduces wasted paper.
- Compliant with EU standards and regulations.



Smart Maintenance

- Cloud-based software platform supports automatic updates and remote diagnostics to reduce service costs and improve sustainability.

High-Definition Display

- 15.6-inch (or 11.6-inch) Full HD display reduces operator eye fatigue and provides high-definition image and text display.
- The capacitive touch screen adapts more sensitively to liquids and environmental influences.
- The long display life reduces the maintenance of the whole life cycle cost and reduces the need for maintenance.



Large-Screen Customer Display

- 15.6-inch Full HD customer display screen (or 11.6-inch) maximizes the customer shopping experience.
- Through the customizable display area, the operator can easily adapt the display content to increase the utilization rate of the display screen.

Linerless Printer: Highly efficient and cost reducing

- Maximizes the usage of paper roll length, helping to reduce costs over time.
- Printing label contents of non-fixed length, e.g. nutrition table.

Elegant Design, Sophisticated Simplicity

- Cutting-edge design and modern style promote a high-quality store image.
- Die-cast aluminum base, wear-resistant, durable.
- The display support is reliable and stable even under peak usage conditions.
- The ultra-thin pole and lightweight but robust base design supports various counter applications.

Superior Quality

- Durable even in the harshest conditions: FreshStar excels with efficient printing, weighing and touchscreen control to provide a high quality user experience.
- Designed with hygiene in mind, FreshStar is easy to clean and helps maintain a high-value store image towards the customers.

Find more information at:
► www.mt.com/retail-FreshStar

FreshStar

Technical Data

Operator Display

- 15.6-inch capacitive touchscreen (or 11.6-inch)
- Tilt angle adjustable (stepless)
- Screen resolution:
15.6-inch: 1920x1080 pixels
(or 11.6-inch: 1920x1080 pixels)

Customer Display

- 15.6-inch customer display (or 11.6-inch)
- Tilt angle adjustable (stepless)
- Screen resolution:
15.6-inch: 1920x1080 pixels
(or 11.6-inch: 1920x1080 pixels)

Operating Temperature: -10°C - 40°C

CPU: Rockchip RK3568

Printer

- Printer Type: Linerless printer with paper-cutting function
- Printing speed: up to 150 mm/s
- Print resolution: 8 dots/mm
- Printable width: 56 mm
- Paper width: 60 to 62.5 mm
- Roll diameter: max. 120 mm

Data Storage

- 2GB LPDDR4
- 16GB eMMC

Interfaces and Protocols

- Ethernet interface (10/100M, 1000M compatible)
- 1xRJ11 (12V/24V) for cashier
- 3xUSB 2.0 (at the bottom of the housing base)
- 1xUSB 3.0 (at the bottom of the housing base)
- IEEE 802.11 a/b/g/n/ac standard

Operating System: MT Smart OS Embedded

Power Supply: 100-240 V AC, 50 / 60 Hz

Maximum Power: 105.5 W*

Rated Power: 18 W

Outer Packing Size:

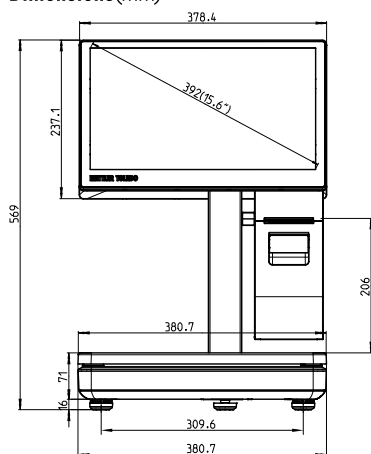
- 58 x 51 x 70cm (Length, width and height)

Weight (With Package)

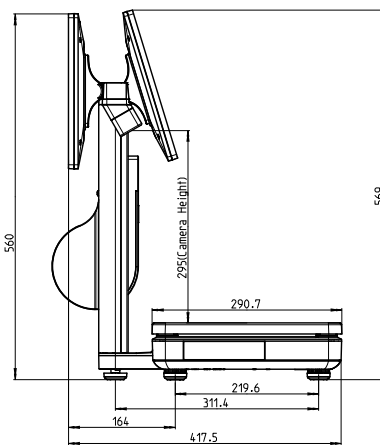
- 15.6-inch operator display with 15.6-inch customer display: 16.2kg
- 11.6-inch operator display with 11.6-inch customer display: 15.0kg

Weighing Range	6 kg / 15 kg	15 kg / 30 kg**
Partition	2 g / 5 g	5 g / 10 g
Minimum weight	40 g	100 g

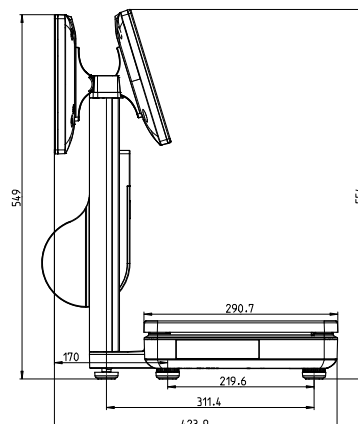
Dimensions(mm)



Front



Side (15.6-inch customer display)



Side (11.6-inch customer display)

* Measured under the condition of full load of the whole scale, full load work refers to the full load of all USB ports and the working condition of the printer.

** Not applicable to FreshStar U3.



FreshStar U2



FreshStar U3

www.mt.com/retail-FreshStar

For more information

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