

thermoscientific



For high line rates and accurate weighing
in a broad range of applications

Thermo Scientific Versa Chain Checkweigher



ThermoFisher
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Thermo Scientific Versa Chain Checkweigher

Specifications	
Accuracy (typical)	±0.5 grams, micropitch chain; ±1.0 grams, nylatron chain; ±1.5 grams, stainless-steel chain (product/speed dependent) 2 standard deviations from mean
Line speed	Standard: 9 to 67 m/min (30 to 220 fpm) Optional: 9 to 168 m/min (30 to 550 fpm)
Throughput	Up to 700 packages per minute
Product weights	Up to 10 kg (22 lb) per product
Frame construction	304 stainless steel
Drive motor	IP65, Heavy Duty Drive or Stainless Steel available
Weigh cell	IP66, Stainless Steel
Operating temperature	40° to 104° F, (5° to 40°C), 20 to 90% humidity
Electrical	110/120 or 220/240 VAC, 50 or 60 Hz, single phase
Weighframe dimensions	Length: 600mm (23.6") or 900mm (35.4") Line height: 750 mm [29.5"], 900 mm [35.4"], 1050 mm [41.3"] +/- 80mm Width: 400mm (15.8") between sideplates
Maximum product specifications	Length: 450 mm (17.7") rate dependent Height: Product-stability dependent Width: 355 mm (14") rigidity dependent
Emergency stop	Mushroom push-button
Options	
Transport media	Nylatron chain for light products; Stainless-steel chain for heavy products; Micropitch chain for high accuracy
Infeed/outfeed conveyors	A complete selection of conveyors is available depending on application requirements – consult factory
Side belt transfer conveyors	A complete selection of transfer belts are available depending on application requirements – consult factory
Washdown option	Harsh environment upgrades available
Additional options	

Ensure product weight compliance and improve production efficiency with the Thermo Scientific Versa Chain checkweigher. The frame's simplified design and minimal number of moving parts greatly reduces vibration, allowing for superior weighing accuracy and performance especially on challenging, high-speed applications. The system is designed for reliable, low-maintenance performance to maximize return on equipment investment.

Ease of use:

- Automatic setup in just minutes
- Contextual help screens to guide operation
- Large, high-visibility weight display supplemented by a bright "good/bad" or "go/no go" indicator

Application flexibility:

- 400 standard product files searchable by product number, name or code
- Enables fast, reliable changeover between production runs

Plant optimization:

- Expanded statistics and graphs for detailed views of production line performance
- EtherNet communication protocols to send data to line control software or plant DCS (data capture system)



Remote electronics



In-feed and out-feed conveyors



Helix product handling system

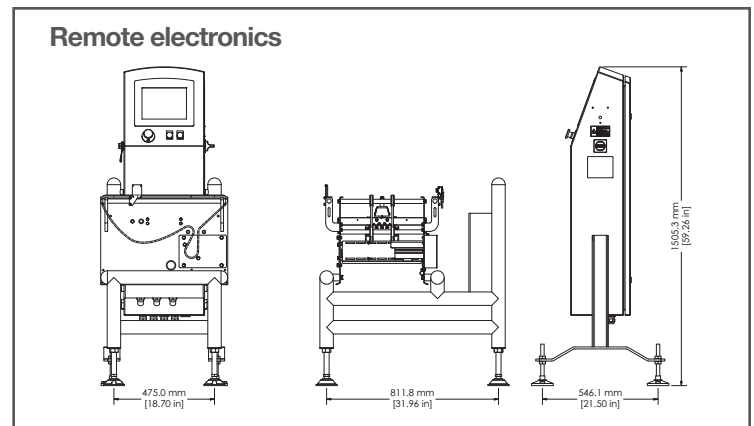
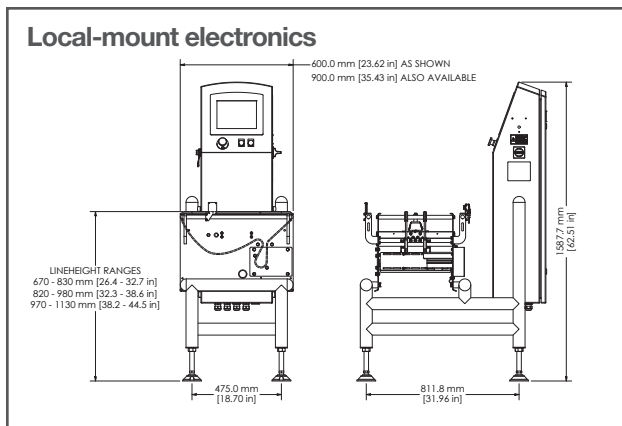


Integrated metal detector system



Variety of reject systems

Thermo Scientific Versa Chain Checkweigher physical dimensions



For more information thermofisher.com/versachain