



## Thermo Scientific Versa Teorema Checkweigher

- Handles cans or jars
- No moving parts on weighing section
- Up to 700 cans per minute

## Can line checkweigher designed for high rate can lines

The Thermo Scientific Teorema checkweigher provides the new standard in high-rate can weighing by combining rugged capability and high accuracy.

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# Thermo Scientific Versa Teorema

Product Rate	Up to 700 cans per minute
Product Type	Cans 2pc, 3pc, jars, containers with flat bottom, without label, open or closed, wet or dry conditions
Line Speed	2.7m/s 160m/min 530FPM
Weigh Range	40g to 1.5kg
Can Diameter	64 ~ 99mm (US208~314) standard. Other product sizes on request.
Can Height	Minimum 35mm (US106) Maximum 180mm (701)
Accuracy	Approved for OIML MID ( $e \geq 0.5g$ ). Accuracy; standard deviation in general $< 0.5 g$ , depending on application.
Overall Dimensions	Length: depending on configuration (side to side or end to end transfer); approx. 3,500mm (137") Width: 1,100mm (43.3")
Helix	HDPE (UMHPE 1000). Helixes are dimensioned per can size. Length 900mm (35.4")
Line Height	800~1,200mm $\pm 50mm$ (32~47" $\pm 2$ ")
Electrical Supply	230Vac/1 phase/50 hz or 220Vac/1 phase/60 hz, 2kW
Air Supply	600kPa (6bar / 80psi)
Protection Material	IP66 stainless steel

## Versa Teorema

Thermo Scientific™ Checkweigher with no moving parts.\* Revolutionary design with unparalleled performance in speed and accuracy. Cans are propelled over the skates (weighing section) not having motorized conveyor parts, delivering the lowest mechanical noise, with the highest accuracy possible.

*\*Moving parts are helix and HD Long Life transport chains only.*



**Quick change helix and full safety cover**



**High rate reject systems**

## Features and Benefits

- Ensures integrity of thermal processing (cooking retort)
- Unique design
- Superior performance
- Full-length safety cover
- Heavy duty
- Low maintenance
- Stainless steel construction
- IP66 specially suited for wet environments
- High rate reject system
- Can stop device to allow infeed flow control of cans
- Auto lubrication option
- Quick-change Helix system
- Versa controller with all its features and options
- Filler feedback control
- Ethernet / USB / Modbus / Serial Connectivity
- 400 product set up



**Can stop device**



**Sanitary design**

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