

TCW-01

Embedder Packet Online Checkweigher

TCW-01 compact mini-pack online check-weigher is designed for the online package checking, sorting and statistic analyzing. The check-weigher can distinguish package weight range covered from 0.5g~1200g. The Machine is embedded hi-speed dynamic weighing technology, adaptive noise-free regulation technology and all-in-one production technology. As a matching device with the vertical packaging machine, the TCW-01 check-weigher can realize 100% package online check-weighing replacing human random check. The device is widely used in electric/metal parts, pharmaceutical, cosmetics, chemicals industries, rubber & plastic production online sorting, check-weighing application.



Feature :

- ✧ Modularized structure for easy assembly
- ✧ Separated under, ok and over zone
- ✧ Auto switch from dynamic to stable weighing
- ✧ store max 20 items check zone
- ✧ product statistic include: total , under & over qty
- ✧ Hi-speed AD conversion
- ✧ auto-zero-maintain in stable
- ✧ power failure protection
- ✧ belt speed adjustable
- ✧ IP54/IP66 protection class optional
- ✧ Support Modbus RTU communication protocol
- ✧ Highest 3000pcs / hour throughput
- ✧ 220VAC , 50Hz , 500~1500w single-phase power

supply, reliable grounding

- ✧ Electrical components comply with CE standards

Specification :

Weight Range	<input type="checkbox"/> Std : 500g , 1000g , 5000g <input type="checkbox"/> Customized : ____g
Increments	<input type="checkbox"/> 0.02g , <input type="checkbox"/> 0.05g , <input type="checkbox"/> 0.1g , <input type="checkbox"/> 0.2g
Min sorting	>1/2000 precision value (related with the speed and shape)
Maximum throughput	60pcs/min
Belt length	<input type="checkbox"/> Std: : 50mm , 300mm , 550mm <input type="checkbox"/> Customized : ____mm
Belt width	<input type="checkbox"/> Std : 160mm , 200mm , 350mm <input type="checkbox"/> Customized : ____mm
Belt speed	< 50m/min (adjustable)
Product size	Length____mm , Wide____mm , High____mm
Conveyor table height	____mm (230mm ~1200mm)
Rack	<input type="checkbox"/> Std : black powder coating <input type="checkbox"/> Customized : Stainless steel , carbon steel (color____)
Conveying table	<input type="checkbox"/> High-strength dedicated aluminum <input type="checkbox"/> 304 stainless steel
OP Panel	<input type="checkbox"/> Keyboard <input type="checkbox"/> Touch screen (304 Stainless steel)
Conveyor direction	<input type="checkbox"/> From left <input type="checkbox"/> From right (if face to panel)
Alarming Device	<input type="checkbox"/> Tri-color Lamp tower <input type="checkbox"/> Red-light Lamp
Control button	<input type="checkbox"/> Start/stop button <input type="checkbox"/> Emergency stop button (optional)
Aux. Conveyor	<input type="checkbox"/> No (only weighing body) <input type="checkbox"/> Yes (3 segment)
Sorting method	Sorting belt positive and negative transfer
Communication Interface	RS232、RS485 optional , output weight and sorting statistics , ethernet and profibus
Power Supply	220VAC , 50Hz , 500w single-phase power supply, reliable grounding
Environment	Weight checker installation location should avoid vibration and air flow , Operating temperature: -10℃ ~ 40℃