

Scanvaegt SC505 Checkweigher

The efficient tool for protecting your brand

**BETTER QUALITY
INCREASED REVENUE
HIGHER RETURNS**



The Scanvaegt SC505 offers an efficient inspection tool for checking packaged products in dry packing environments and ensures that your products comply with requirements regarding weight, e-weighing and quality by rejecting faulty packages with incorrect weight content or metal contamination.



Ensures high product quality and increases production efficiency

The Scanvaegt SC505 is a new, efficient checkweigher for the inspection of packaged products in dry packing environments. The Scanvaegt SC505 ensures that packages comply with requirements regarding weight, e-weighing and quality by rejecting faulty packages with incorrect weight content or metal contamination.

Checkweighing is done automatically and requires fewer operators, which helps lower salary costs. Combined with its thoroughly tested design, high degree of reliability and a competitive price, this makes the SC505 an attractive solution.

Precise, reliable and versatile

Scanvaegt SC505 is a precise, reliable and versatile solution that resolves a number of tasks including:

- Preventing underweight or overweight packaging
- Ensuring compliance with the e-labelling regulation
- Checking and regulating a filling process
- Rejecting metal-contaminated products
- Capturing production data for monitoring and statistics

Gentle product handling

The Scanvaegt SC505 is available with two reject methods, T-pusher or air-blast, which ensure optimal and gentle product handling to avoid damaging the products.

Stall Surveillance - extra safety

The checkweigher has a safety function - Stall Surveillance - which stops the belts if anything is jammed or otherwise prevents the belts from running. The system turns on a red warning lamp, displays an error message on the HMI and sends a stop signal to the preceding packing process to prevent package chaos on the packing line.

Compact and easy-clean design

The SC505 comes in three standard versions, each of which has a slim, compact design that is easy to incorporate into existing packing lines. The simple, open construction allows easy access and thorough cleaning.



SC505 Checkweigher
2 Conveyor setup



SC505 Checkweigher
3 Conveyor setup for reject



SC505 Checkweigher
3 Conveyor setup for metal detector and reject

RELIABLE
USER FRIENDLY
EFFICIENT



Innovative design with smart functions

User friendly controls

The Scanvaegt SC505 has a large 15" touch screen with user-friendly menus, a simple navigation structure and clear graphics as well as easy product set-up - this reduces time spent on product changes and ensures frictionless operation.

Policeman

The SC505 checkweighs products and rejects them automatically if they are outside the pre-defined weight limits.

e-weighing (option)

The SC505 checks if the products comply with e-weighing requirements for mean values and rejects those products that could lead to discarding of the entire batch in a random sample check.

Regulation of the filling process (option)

The SC505 monitors trends in weight contents and can send a signal to regulate the filling process if this trend deviates from pre-defined limits.

Metal detection (option)

The SC505 is available with an integrated metal detector that inspects products and rejects those that contain metal.

Production monitoring (option)

The SC505 checkweigher's software bundle provides a wide-ranging overview, the possibility for production optimization and precise monitoring with the help of clear and organized statistical data and graphic display of production.

Technical specifications

SC505 Checkweigher	2 Conveyor setup		3 Conveyor setup for reject	3 Conveyor for metal detector and reject
Weighing capacity	1,5 kg/0,5 g or 3 kg/1g		3 kg/1g	
Weighing conveyor length	385 mm	300, 400 or 500 mm		
Total length	770 mm	1000 mm	1600 mm	2450 mm
Materials	Stainless steel			
Display	15" 4:3 touch-screen			
Environment	Dry			
Belt width	275 mm			
Belt type	Belt segments			
Belt type reject conveyor	Full belt			
Reject types	T-pusher or air-blast			
Reject container	ISO plastic bin			
Metal detector clearance	150 or 200 mm			
Line height	700 to 1100 mm, steps of 50 mm			
TWR	Up to 250 pcs/min			
Belt speed	5 to 80 m/min			
Power	1 x 200-240 V + N + PE, 50/60 Hz			
Compressed air	Min 6 bar dry, clean air			
Temperature range	2-30°C.			
Software	Policeman, e-weighing and feedback			
Options	PlusFlex PM, data output, metal detector connection, status signal and more			
Languages	Danish, English, German, Swedish, Norwegian, Polish			
EU type approval	MID 2014/32/EU, R51:2006 XIII(1)			
IP rating	IP41			
IP rating - load cell	IP67			

Subject to change without notice.