

Ecoline™ In-Motion Checkweighers

Finding nickels & dimes in better yield design

Introducing our cost-effective dynamic checkweigher. Our checkweighers give you an accurately-weighed product that you and your customers can trust!

The Ecoline™ Scale Data System (SDS)-based medium weight/speed In-Motion Checkweigher provides fantastic value and simplicity for your weighing accuracy needs, handling many in-motion checkweigher applications with ease.



G	0.00		lb
->0<-			
Select	Tare	Zero	Print
Units	Setup	VANDE BERG SCALES CC No: 14-069 Model: SDS-1700-SS nmax 10,000 Class III/IIIIL SN: 0 V: 2.3.4.5 100 ± 0.05 lb	
Tare 1	NTEP Info		

Actual weight indicator incorporated into our controllers.

Standard base model Ecoline™ dual conveyor checkweigher with a 17" non-washdown touchscreen.

3 choices of touchscreen monitor styles:



Non-Washdown with 17" Screen



Washdown with 10" Screen



Washdown with 17" Screen

One platform...nearly limitless applications

VANDE BERG
SCALES
 Division of VBS, Inc.

**Base model with 17" screen
(Non-washdown)***



Non-washdown checkweigher with infeed conveyor. Our least expensive option, but highly comparable to industry-available lightweight checkweighers. The 17-inch desktop-style color touchscreen monitor/

indicator securely mounts to the top of the control enclosure with adjustable tilt viewing angles. The large screen is easily removable without tools for soap and water wipe down.

**Washdown-capable†
checkweigher with 10" screen**



A 10-inch washdown-rated stainless steel enclosed color touchscreen monitor/indicator mounts the SDS-1000 color touchscreen permanently to the top

of the control enclosure. This makes the unit capable of withstanding soap and water washdown.

**Washdown-capable†
checkweigher with 17" screen**



Heavy washdown checkweigher with infeed conveyor. A 17-inch washdown-rated stainless steel enclosed color touchscreen monitor/indicator mounts the SDS-1700 color touchscreen permanently

to the top of the control enclosure. This makes the unit capable of withstanding soap and water washdown with ease while providing the operator with a larger HMI for monitoring the weighing process.

*Washdown-capable with removal of touchscreen and secured peripheral door.

†Stainless steel load cell highly recommended

Features



Our Ecoline™ checkweighers do not use photoeyes, driving down cost and saving you time!

Advantages of no photoeyes:

- less parts to fail
- no cleaning
- no aligning
- can still ensure weighing accuracy by reading the weight curve



Industrial-grade bearings provide long service life.



Modular plastic belting - with individually replaceable sections (orange highlight) makes replacement and cleaning a breeze.

Base Model In-motion Checkweigher Standard Features:

- Designed for non-washdown applications
- 17" non-washdown touchscreen
- 2,000 product PLU capable
- Wind / breeze cover for scale conveyor
- Modular micro-pitch plastic transport belting
- Includes 2 (in-feed, scale) conveyors with a combined length of 44 inches
- Ethernet / serial (RS-232) transmit of individual weight to host computer
- 5,000-10,000 divisions (NTEP limited to 2,000 or 3,000 divisions)
- 6" or 12" wide conveyors options
- 36" top of belt height +/- 2.5 inch adjustment
- 44" fixed combination infeed and scale belt length
 - 20" or 24" long infeed conveyor with grip belting
 - 20" or 24" long conveyor scale
- 5-30 lb capacity scale x 0.001-0.01-lb division size based on scale size
- 120V-20A power required
- 12 external outputs can be used for diverts, lights, alarms, etc.
- SDS checkweigher software
- Choice of Belt Sizes:
 - 2-5 lb capacity scale with 6-inch wide belts
 - 5-10 lb capacity scale with 12-inch wide belts
 - 10-30 lb capacity scale with 12-inch wide belts



Options

Checkweigher:

- Guide rails on in-feed, scale, or out-feed conveyors
- Filling machine feedback: analog or pulse output
- Single error light
- 3-zone light post
- 5 zone light post
- Audible consecutive reject alarm
- NEMA 4X touchscreen
- Enclosure and Scale Data System 10-inch color touchscreen operator interface allowing for soap and water
- Chemical / Non-chemical pressure washdown

Outfeed Conveyor With Divert:

- (All diverts are on a separate/additional conveyor)
- 2 air nozzles mounted to the in-feed conveyor frame
 - Single linear thrust
 - Dual linear thrust
 - Drop down activation to reject product below the conveyor
 - 2 side pull off diverts
 - Inline-retractable conveyor diverts



SDS 1700 Touchscreen



An audible alarm can be used to notify a worker of multiple rejects.



Light posts can alert a worker to a variety of situations.



This heavy-duty stainless steel divert ensures tens of thousands of trouble-free cycles.

"You guys are getting it right; top to bottom, stem to stern, front to back - your whole organization just impresses the hell out of me...You outperform all of the competition every day: Parts, service, all of it - we just really appreciate what you're doing over there. Thank you."

Joseph Kriewald
Maintenance Manager
Large beef plant in Kansas



Scan this 2D barcode to see our in-motion checkweigher in action!



Call today or email us for your custom quote.

No parts pricing sucker punches!



We use standard, industry-available components that are often easily attainable from multiple vendors, in the design and construction of our equipment assuring our customer economical, simplified, fast and efficient maintainability.



VANDEBERG
S C A L E S[®]

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