

Sonic 350 Checkweighers

Weights from grams to 10 kg, rates to 220 per minute



2-Belt Sonic 350SHD with Ram Rejecter



3-Belt Sonic 350MDR with Drop-Nose Rejecter



Dual-Lane Sonic 350SHD Checkweigher System

- Durable, low-profile conveyor designs using 24VDC powered brushless motorized drive rollers
- All SS construction, built to IP66 requirements
- Variety of belt lengths, widths and speeds – to meet your application needs
- Quick-release conveyors, no-tool belt change, simple design & easy to clean
- Standard load cells, parts readily available from multiple sources
- Color touchscreen interface delivers vibrant and easy to read status of every package
- NO dynamic calibration required!
- Made in the USA

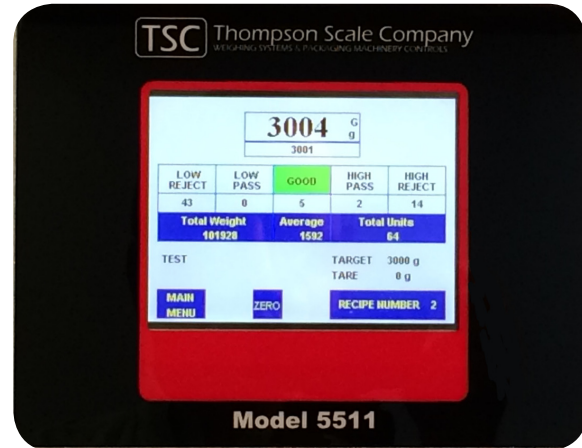


Thompson Scale Company

WEIGHING SYSTEMS & PACKAGING MACHINERY CONTROLS

Hardware

- All welded 304SS tubular steel frames and supports
- 1.2" or 1.9" dia. motorized drive rollers, IP66 rated
- 1" return roller, SS bearings with grease zerks
- 24VDC powered rollers, variable speed controls
- Conveyor lengths 12", 14", 18", 20", 24" and 28"
- Conveyor belt widths from 4" to 18"
- Single-ply endless belts – easy to clean and change
- Single SS IP66 rated load cell – available from multiple sources
- Larger conveyors use our exclusive 304SS flexure scale for best performance
- Checkweigher controls frame-mounted or free-standing
- Variety of rejecters; pusher, paddle, air blow-off, sweep, sort, drop, etc.
- Can integrate with your preferred metal detector; separate or combined reject outputs



Performance

- Accuracies to +/-0.5g
- Weight capacities up to 20 lbs
- Production rates to 220 per minute
- Conveyor speeds up to 300 fpm
- 100 recipe memory, quick call – NO dynamic calibration required!
- Set to 0, 3 or 5 zone weight display
- On-screen diagnostics and real-time I/O display for easy troubleshooting

Scale Controls Features

- Built for wash-down environments
- 5.7" Color touch screen, icon driven menus
- Easily replaced protective graphic overlay
- Screen protectors for abrasive environments
- 89-230VAC Single Phase 50/60 Hz Source Power Connection
- Fused 24VDC output to I/O cards
- Dedicated 24VDC outputs for zone lights, reject signals, alarms, etc.
- Dedicated 24VDC inputs for photo sensors, interfaces, etc.
- Sample Rates to 500/second
- 5-pole digital filter
- 0, 3 or 5 weighment zones for different display/stack light configurations
- Built-in Ethernet TCP/IP port
- 2 RS-232/RS-422 bi-directional serial ports
- Timer functions for reject delay & duration, option for metal detector reject input
- Trend alarms, adjustable averaging, feedback loops, many other options
- Options for EIP, Profibus, DeviceNet and other protocol interfaces

Your Integrator:



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