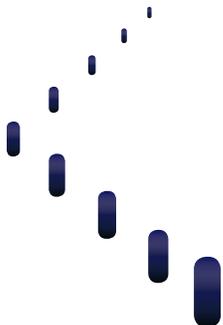# TSC 350 Small Package Drag Chain Checkweigher

- *Up to 350 items per minute, Accuracies up to +/-0.5 gram*

- *Durable, variable speed drive using 24VDC powered brushless motorized drive rollers.*

- *All SS construction, built to IP66 requirements*

- *Variety of weigh table lengths, widths and speeds – to meet your application needs*

- *Flat-link Nylatron® #25 chain, durable, silent, no master link*

- *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!*

TSC Thompson Scale Company

WEIGHING SYSTEMS & PACKAGING MACHINERY CONTROLS

Hardware

- All welded 304SS tubular steel frames and supports
- 1.9" dia. motorized drive roller, IP66 rated
- 24VDC powered drive, variable speed controls
- Weigh table lengths from 3" to 14"
- Conveyor widths from 1" to 10"
- Conveyor standard length of 36"
- #25 flat-link plastic drag chain; 2 chains standard, more can be added
- Single SS IP66 rated load cell – available from multiple sources
- 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 10 lbs
- Production rates to 350 per minute
- Conveyor speeds up to 400 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

- IP66 enclosures, rated for wash-down
- 5.7" Color touch screen, icon driven menus
- Easily replaced protective graphic overlay
- Screen protectors for abrasive/harsh 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:

TSC Thompson Scale Company

WEIGHING SYSTEMS & PACKAGING MACHINERY CONTROLS

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