

Iso-Flo® Smooth-Cycle™ Scale-Feed Vibratory Conveyor

Key's [Smart Shaker®](#) engineering expertise shines with [Smooth-Cycle™](#): a unique dual-mode flow control that never fully drops out of vibratory mode, so transmitted forces are small, greatly extending the life of all components and reducing the need for bulky supports. Product flow resumes smoothly and efficiently with cycle times of less than 1 second.

The stop/start operation of conventional vibratory conveyors can cause vibration and stress to conveyor support structures, increased wear and maintenance, and reduced scale accuracy. Key's Smart Shaker® Iso-Flo® Smooth-Cycle™ design allows intermittent scale feed start/stop operation with virtually no vibration transfer to supports or buildings

Designed for Scale-Feed Applications

- Minimal vibration will not affect the accuracy of scales
- Conical discharge for even product feed to scale hoppers
- Extended bed for reaching the scale dispersion cone

Conveys Product Gently

- Dual-mode Flow Control conveys product gently and efficiently
- No-flow mode slows the conveyor to stop product flow
- Never fully drops out of vibratory mode, eliminates start/stop forces
- Minimizes wear on components
- Intermediate "low flow" option

Fast Response

- Transitions from full conveying speed to no-flow in less than one second
- Product flow resumes in less than one second
- Choice of two or three preset drive speeds

Includes a NEMA 4 or 4X Enclosure Containing:

- AC inverter to toggle between two (or three) preset drive speeds
- Motor overload protector
- Fuses
- Switches
- Emergency stop and reset
- Hand-off-auto
- Speed select



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