

TAPTONE

REJECTORS

Sorting, Distribution,
and Rejection
Systems Include:

- Large Container, Small Container and Case Systems
- Hard Reject and Soft Reject Systems



TELEDYNE TAPTONE
Package Inspection Systems
A Teledyne Technologies Company

www.TapTone.com

PNEUMATIC HIGH SPEED REJECTION SYSTEMS

TapTone high speed rejectors provide reliable rejection of up to 2000 containers per minute and are available with a fixed stroke length of 0.5 or 1.0 in (1.2 cm or 2.5 cm). Designed for tight production spaces, these systems can be conveyor or floor mounted, and withstand water wash down.

Features

- High Speed Rejection of Glass, Plastic or Metal Containers
- Conveyor or Floor Stand Mounting
- Minimal Space Requirement Enables Adaptation to Almost Any Production Line
- Requires Only One 24 VDC Reject Signal
- No External Power Required



System Specifications

Performance	1/2 in (1.2 cm) 0–2,000 containers/min 1 in (2.5 cm) 0–1,500 containers/min
Container Types	Glass, plastic, metal
Spacing	None required
Displacement	1/2 in or 1 in (1.2 cm or 2.5 cm)
Electrical	24 VDC (provided from control system), 17 watts
Air	40–80 psi (2.8–5.6 bar) Air Filter-Regulator Included Maximum line pressure 150 psi (11 bars)
Material	Stainless Steel, NEMA 4X, IP65
Mounting	Conveyor or floor mount stand
Stand Height	0–72 in (0–182.8 cm)
Weight	12.0 lb (5.5 kg) (rejector only)
Dimensions (LxWxH) ...	9 in x 3 5/8 in x 6 in (22.9 cm x 9 cm x 15.2 cm)

How It Works

When a reject signal is received, a solenoid is actuated, allowing air to extend the ram, which pushes the faulty container off of the production line. The length of time the ram is extended is a function of the duration of the reject signal. When the signal ceases, the ram and its cylinder return to their home or retracted position.

1/2 Inch/1 Inch Rejector - Conveyor Mount (floor mount not shown)

