

## PHARMACEUTICAL APPLICATION



## Petri Dish Tray Feeding System

**A custom material handling system for automated feeding of Petri Dishes from tray to processing**

The Petri Dish Tray Feeding System was designed to feed plates into an automated processing system as an alternative to the existing loading system provided by the equipment manufacturer.

Incubating Trays are placed onto the input so that the Operator pushes the entire tray into the system and moves on to other tasks in the lab. Plates are transferred 90° toward the processing system and fed onto the system conveyor for downstream processing.

Turnkey controls interfaces with the processing system for balanced feed control.



## System Details

**Mechanical Features:**

- Sanitary Conveyor including
  - Stainless steel welded frame construction
  - UHMW wear strips
  - 400 series stainless steel bearings
  - Tool-less tip-up pulley for cleaning
- Leveling feet and casters for portability

**Control Features:**

- 115VAC 50/60 Hz operation
- Integrated safety circuit with E-Stop
- Sensor-based interfacing with mating systems for conveyor control

**Cycle Time:** 3 seconds

**Location:** USA