Gamma 101P Case Inspector™
Contents Verification

Eliminate the Possibility of Shipping Cases of Missing, Defective or Under-Filled Product without Reducing Packaging Line Speeds

Rejects	***Cases With Under-Filled Containers***
	Cases with Missing Containers
	Cases With Broken Containers
	Cases With Empty Containers
	Cases With No Containers

Flexible, Economical Contents Verification

PECO's Gamma Case Inspection systems offer a flexible, economical approach to contents verification that extends well beyond the capabilities of a vision based or check weighing system that cannot "see" into open or closed cases.

Common applications include inspecting multi-paks and closed or open cases at full line speeds for missing, broken and under-filled containers and detecting residual containers or debris after uncasing operations.

Extremely User-Friendly

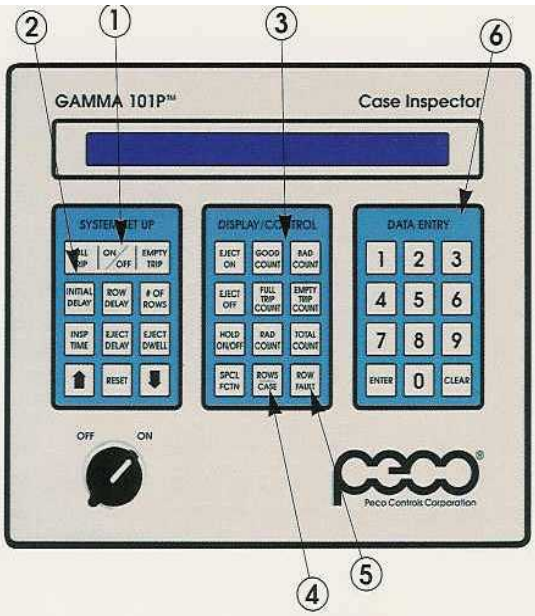
Set-up, data analysis or identifying the cause of system failures are easy step-by-step processes using the touch pad keyboard. A multi-product memory, continuous display of all count and inspection data and on-line help make **PECO's Gammas** the user-friendliest case inspection systems available.

Low Maintenance, Long Life

PECO's "No Touch" sensors are combined with robust, low maintenance, self-lubricating, stainless and delron case ejectors that have proven life expectancies in excess of one million operations. Cases up to 50 pounds can be smoothly rejected at line speeds of 150 cases per minute.

Easy Set-Up and Change-Over

The Gamma's versatile mounting arrangement permits easy installation of the **Gamma Case Inspection** system on any packaging line conveyor without modification to the line itself. The **Gamma's** multiple product memory, adjustable inspection windows and optional auto or manual height adjuster guarantees fast change-overs from one product to the next.



1. Threshold Settings (Full Trip/Empty Trip)

The Case Inspector utilizes digital threshold settings to establish acceptable/rejectable levels. The trip level is the setting above which (for Full inspection) or below which (for Empty inspection) the Case Inspector will signal a reject pulse. Either condition is enabled or disabled with the ON/OFF switch and may be enabled simultaneously.

2. Inspection Timing (Initial Delay/Row Delay/Inspection Time)

Precise quartz timing, together with flexible design and entry, affords each critical timing parameter to be optimized. The Initial Delay times the package from entry into the inspection zone until inspection commences. The Row Delay times the package from row to row after the initial delay. The Inspection Time sets how long each row or container is inspected.

3. Good/Bad/Total Count

Complete tabulation is continuously maintained of all inspections. Each can be displayed by depressing the keypad. Good and Bad Counts equal Total Count.

4. Rows/Case Option

Inspection can be tabulated either by rows or cases.

5. Row Fault

This function allows the display to indicate the case row in which the last fault occurred, facilitating identification of the faulty container.

6. Data Entry

All data is keyed in through the keypad. Only when the "Enter" key is depressed is the data accepted by the system.

Technical Specifications

Power Requirements:	115 VAC - 230 VAC, 50 to 60 Hz single phase, 100 W
Operating Environment:	+5°C to +60°C (40°F to 140°F) 0% to 95% relative humidity
Construction:	Stainless Steel enclosure with acetyl co-polymer display
Dimensions:	33-39" W (adjustable) x 20.25" H x 6.0" D Inspection Height Limit 16"
Conveyor Speed:	200 feet per minute
Communications:	ASCI formatted data transmitted via standard RS 232 Port

Standard Equipment

- One Inspection Assembly
- Two Support Assemblies
- Technical Manual and Documentation

Option

- Manual Vertical Height Adjuster
- Automatic Vertical Height Adjuster

Peco Controls Corporation
450 Montague Expressway
Milpitas, CA 95035
(408) 262-4050
(408) 262-6693 FAX
e-mail: custserv@pecocontrols.com
http://www.pecocontrols.com