

Full Case Inspection -FCI-

Mapex Inspection provide a range of technologies for *Inspection, Sorting & Handling* on packaging lines; within this range is a series of Full Case Inspection systems (FCI).



The **Mapex Inspection -FCI-** has been designed to provide simple, robust monitoring of cases/ crates. Systems can be supplied to operate on open or closed cases; and with either bottles or cans.

Inspection is performed by means of overhead sensors which are triggered to examine the case for a specified format. Systems can be supplied to operate on one or more formats.

All FCI systems are built to withstand the rigors of today's bottling halls; as a consequence all are constructed from stainless steel and non-corrosive materials and supplied with a remote electronics box.

System Profile

Inspection functions	<p>Detection of Missing Bottles</p> <p>Detection of Misplaced Bottles</p> <p>Detection of Missing Caps</p> <p>Detection of High Bottles (Option)</p> <p>Bottle Counting (Option)</p>
Inspection Rate	Up to 60 cases per minute
Containers	Most combinations of case, bottle and cap can be inspected.
System features	<p>ACCEPT Counter display</p> <p>REJECT Counter display (option on simpler systems)</p> <p>System Monitoring LED Panel (option on simpler systems)</p> <p>Programmable non-latching relay output on consecutive faults</p> <p>Quick connect plug/socket fittings on sensors.</p>
Service requirements	<p>110V or 240V 50/60 Hz. 100VA (Customer specified)</p> <p>Air at 100 PSI / 7 Bar via 1/2" BSP supply.</p>
Rejecting options	<p>Line Stop / Alarm</p> <p>Pneumatic Ram</p> <p>Moving Platform</p> <p>Other systems available to suit application.</p>

The **Mapex Inspection equipment range** is designed for **maximum flexibility**. All equipment combines the principles of user friendliness, simplicity and robust build. Furthermore, equipment is **modular** so that it can be configured to suit specific user needs now or in the future !

We recognise that no two combinations of product, container, closure, dress, secondary packaging, production equipment, line speed, space availability etc are the same. **Mapex Inspection specialise** in tailoring an inspection / rejection system to your individual requirements.

Please note that the Mapex Inspection vision technology can be applied to all manner of critical inspection functions on a production line. **If in doubt please ask !**



Mapex Inspection

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