

# Products/Services

Quality by Design

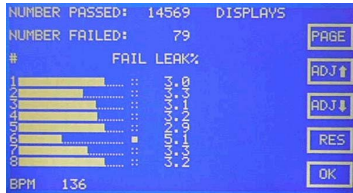
**PLASTECH**  
CONTROL SYSTEMS



## Company Overview

Established for eight years, Plastech Control Systems design and manufacture equipment for the Blow Moulding industry. We supply worldwide direct to the end user, as well as to major OEMs and System Integrators.

We manufacture the highest specification, most flexible products while maintaining lowest production costs. For example, we have designed a programmable control system architecture so adaptable that it can be used across our entire product range.



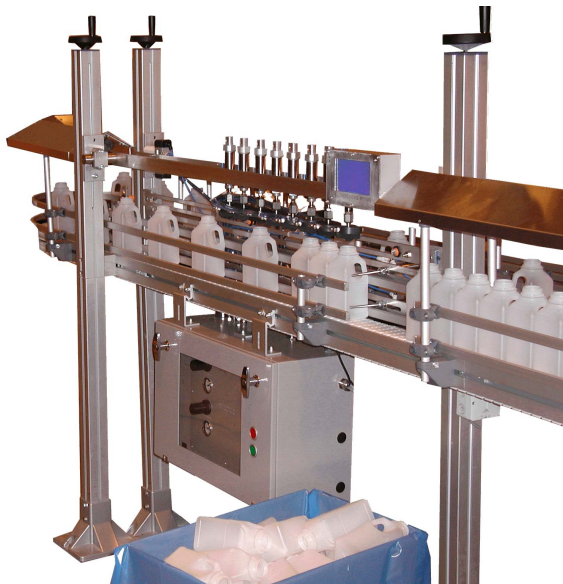
### T1-1 Touchscreen Controller - Available across product range

This enables our customers to reap the cost and reliability benefits of a mass-produced product, while retaining the ability to customise each system.

An integrated container handling system with collating table, leak detector, bottle turner, conveyor system and takeout equipment can all be run from a single control panel. This provides a complete turnkey handling system with substantial cost savings.

Our systems consistently delight our customers with their accuracy, ease of use and reliability.

## Leak Detection

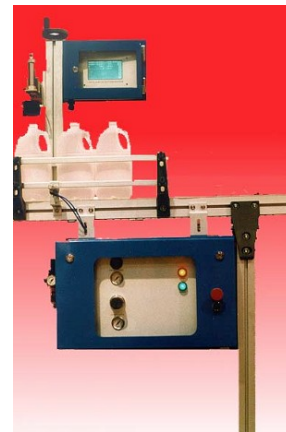


### 8-Head Leak Detector, 140 Bottles per Minute

A complete range of competitively priced leak detectors is available, covering the spectrum from simple manually operated units to 250 bottles per minute conveyor fed machines. Our proven control systems can be fitted with up to 16 channels of leak detection, enabling very high throughput. We use the latest pneumatic and electronic components to provide industry-leading performance. A full range of options is available; a small sample is shown below:

- Height Check

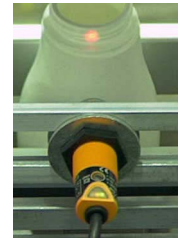
- Self Test
- Blocked Bore & Handle Flash Detection
- Extended test pressure or vacuum range
- Bottle Turner
- Extra Test Channels
- Batch Counter / Diverter
- Packing Systems



### LT5-1 Single Head Leak Detector, with Touchscreen.



50 Million Cycle Valves



Self tuning photoswitches

## Special Purpose Models

### LT2

We designed the LT2 model specifically to be mounted on a "Uniloy" style indexing deflash trimmer. While there were other leak testers on the market for this function, we identified a need for an updated, reliable modern design dedicated to this high volume application. Previous designs suffered from poor accuracy due to limited available cycle time, or even required fitting a separate leak detector for each test head. Our unique design integrates the electronics for up to four leak detection channels and all trimmer control system interfacing onto a single circuit board.

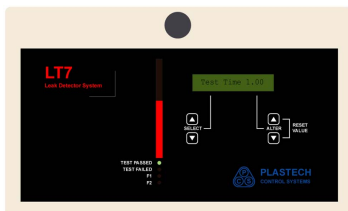


### 3 Channel Leak Detector Model LT2-3

Machine manufacturers and end users alike enthusiastically adopted the LT2; it is now a de-facto industry standard and our best selling model.

### LT7

Designed as a low cost dedicated single channel leak detector, the LT7 can be used as a conveyor fed bottle tester or in a static manually operated test fixture.



### LT7 Leak Detector Front Panel

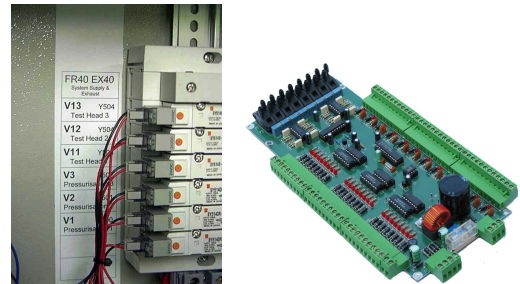
## Collating Tables

These perform semi-automatic packing of bottles into standard cardboard trays. This allows a single operator to look after many lines. The saving in labour cost quickly pays for the machine. Quality is also improved since more time is available for inspection. Various models and sizes are available, with integrated leak detection as an option.

### Collating table with infeed conveyor and integrated leak detector for angled neck bottles

Complete container handling from the output of a blow-moulding machine can be provided as a single package to the customer.

## Special Machines



Contact us for your requirements; we can design and build to order or may already have something in our range!

Leak Detection Equipment, Collating Tables, Conveyor Systems, Spin Trimmers, Control Systems, Bottle Handling, Bottle Quality Control, Customised OEM Models, Installation, Service & Support, Electronics Design

For further details on any of the above, contact the office, or visit [www.plastech-controls.com](http://www.plastech-controls.com) where you can obtain complete online sales literature, user manuals and technical documentation.

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