

# Plastech Control Systems

## Company History



### About the company...

Plastech started up in the UK at the start of 1995, to design and manufacture leak detection equipment tailored for the Blow Molding industry. We also provide electronics and design services for OEMs.

We sell to systems integrators, OEMs and of course directly to end-users. We have an expanding network of representatives worldwide.

Since our US operations have increasingly become dominant we have opened Plastech Control Systems Inc. to directly support sales to US industrial blow molders. Our US distributor Ideas In Motion, Inc., continues to support dairy and OEM applications.

We are now in our seventh year.

### LT1 – In the Beginning

Our first leak detector model was the LT1; this proved to be highly successful and reliable and gave us a flying start.

Accepting 1,2,3 or 4 leak test heads, the design proved very popular with many of the UK's largest blow moulding companies and still sells well today in an updated form. The flexibility of the control system design enables us to offer many options; in addition to the basic leak test functions the system can directly control collating tables, conveyors, bottle turners and other ancillary equipment.



### LT2

We designed the LT2 model specifically to be mounted on "Uniloy" style indexing deflash trimmers. 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.

Machine manufacturers and end users alike enthusiastically adopted the LT2; it is now a de-facto industry standard and our best selling model. Sold and supported in the USA primarily by Ideas in Motion, Inc., it will be most familiar to end users under this name.



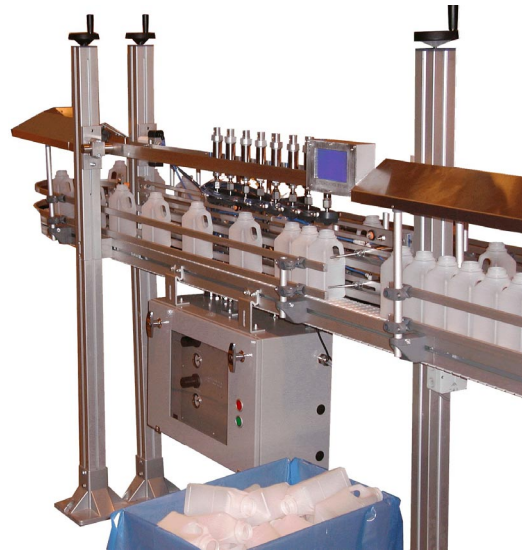
### LT3

We designed and manufactured the special purpose LT3 models to the specification of a single large UK blow moulder, especially for them. Since we have total control of design and manufacture, we can quickly and easily provide tailored solutions to perfectly suit a customer application.

### LT4

The LT4 is an "in machine" leak detector; bottles are tested while still inside the blow moulding machine. Individually leak testing up to 10 bottles at a time; the LT4 also introduced our "T1" touch-screen operator control panel.

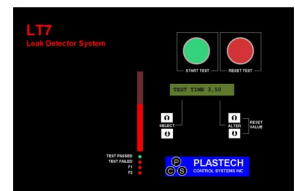
### LT5



Our premier leak tester is the LT5. It updates the LT1 model with an easy to use graphical touch screen and up to 16 channels of operation. Normally supplied in an in-line configuration, it allows the high throughput of a rotary leak tester at a fraction of the cost.

### 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.



### What's Next?

We have an active R&D program. Current research activities include:

- Ultra high-speed rotary leak testers
- A new leak detector model optimised for manual operation and extremely high performance
- Industrial networking, Advanced data logging & analysis

## Contact Details

If you do not see a distributor in your country, please contact the UK head office.

### ***UK Office***

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### ***UK Distribution***

#### **Bottletech Solutions Ltd**

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### ***US Distribution***

#### **Ideas In Motion, Inc.**

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#### **Plastech Container Systems, Inc**

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#### **Showcase Systems, Inc**

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- Leak Detection Equipment
- Collating Tables
- Bottle Turners
- Decollating Machines
- Conveyor Systems
- Spin Trimmers
- Control Systems
- Wall Thickness Scanning
- Bottle Handling
- Bottle Quality Control
- Customised OEM Models
- Installation
- Service & Support
- Electronics Design