

▶ potting - encapsulation - moulding

▶ TECHNOLOGY YOU CANNOT IGNORE

A better way of protecting your electro-components & PCB's is with a single part thermo-plastic.

Imagine the competitive advantage of being able to protect your delicate electronic components in less than one minute, with equipment that typically provides a return on investment in less than 6 months and with a material that is easy to dispose of at the end of your product life-cycle.

In today's fast moving technology driven economy its vital to quickly establish if a process will work on your product and give you the predictive quality results you need.

A structured approach and careful initial investigation are vital to enable you to produce predicatable, consistent quality that will meet your customer's acceptance test standards. By using our resources and expertise you will minimise the time and risk taken to achieve the results you need.

▶ WHAT YOU EXPECT

- Projects are undertaken only after exchange of joint confidentiality agreements
- Product or part CAD model data exchanged in ISO10303 STEP AP214 format
- Collaborate with and partner Industry leaders in material and equipment technology
- IET Business Partner

MOULDEX
A U T O M A T I O N

▼ What's new for you.....

▶ BENEFITS

- Reduce process time, WIP production space & material costs
- Make your electro-components waterproof & shock-proof
- Meet WEEE & RoHS Directives
- Change a batch process to lean

▶ VALUE ADDED SERVICE

- No risk, no fee initial feasibility review
- 3D parametric CAD models created from existing parts or 2D CAD files
- Proof of concept parts for tactile approval
- Reduce investment risk with CAE tools such as 'moldflow' and FEA
- Proven development methodology delivers production made parts for customer approval testing
- Turn-key production systems

Phone: 0845 045 3136
Fax: 0793 036 1652

enquiries@mouldexautomation.com
http://www.mouldexautomation.com

5 William Lee Buildings
Nottingham Science &
Technology Park
University Boulevard
Nottingham, NG7 2RQ



▶ GREEN & CLEAN

Eliminating the use of toxic materials in your product today will save you hard won profit in the future.

End of life cycle disposal need not be such a future risk as this thermo-plastic is derived from a natural by-product of wood pulping and is a single part material containing no toxins. It can be easily recovered and is usually able to be incinerated at domestic waste disposal plants.

▶ LEAN

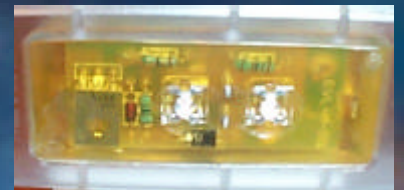
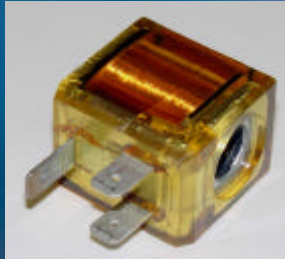
Fits the lean manufacturing environment

- Part process time usually between 20 to 60 seconds
- Clean operation, no lengthy purging or flushing required
- Quick set up time and tool change in less than 5 minutes

▶ ACT TODAY

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▶ CUSTOMER CASE STUDY

- **Process time & WIP reduced by 97%**
- **Production space reduced by 87%**
- **Material costs reduced by 85%**
- **Process now part of lean manufacturing line**
- **Experience gained has led to new methods of manufacturing**

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