



Medical Moulded Products

# INNOVATION NEWS

The Powerhouse in Cleanroom Plastic Processing



Gerry Borg and Pete Lucas, MMP Directors, demo their new moulding technology for BBC Midlands

## WELCOME TO OUR WORLD

### Hello!

Welcome to our first newsletter which aims to give you a taster of what we've been up to and how we can help if you're looking for something a little bit different, or completely bespoke.

produce medical injection moulded products. We can take your product from concept to production ensuring you get precision parts exactly to your requirements.

We only use the best and most modern equipment to

**Do let us know how we can help...**



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Medical Moulded Products Ltd is an extremely valued partner to us. We trust them to supply our critical injection moulded components in a timely manner. MMP always works hard to react to our changing requirements and provides an unparalleled level of service with impeccable quality standards and attention to detail.

Additionally, MMP offer a design & development liaison service which has ultimately resulted in an improvement to the standard of new components for us.

We value our partnership with MMP very much and I would not hesitate to recommend their services to other interested parties.

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Operations Director  
Medical Device Manufacturer



## INSIDE

The Battle Against Brain Cancer

Complex Design & Custom Colours

Our Cleanroom Technology

# OUR CLEANROOM TECHNOLOGY

We have dedicated cleanrooms for creating medically clean plastic mouldings.

Medical Moulded Products Ltd set very high standards, so we can make sure that our plastic mouldings are as clean as possible, before we pack and ship them. We use three class seven monitored cleanrooms which are in compliance with ISO 14644-1 and two class five monitored cleanrooms, which are in compliance with ISO 14644-1. This standard requires that class seven cleanrooms are tested annually and class five cleanrooms are tested every 6 months. We test all of our cleanrooms weekly with a calibrated particle counter and record and monitor the results.

We have external validation every six months and leave our cleanrooms on 24 hours a day, 365 days a year in order to maintain the cleanest possible environment.

Following recent assessments, we are now approved to ISO 9001 2015 achieved in 2016 and ISO 13485 achieved in 2019. This commitment to quality control makes us perfectionists when it comes to your products.



## Did you know...

Our expertise in injection moulding design and manufacture allows us to work with you to create products that meet all technical and regulatory requirements.

By understanding your product needs we can ensure that these are met by selecting a material that is as competitively priced as possible. By working together we create products that meet the specification you need at the right price.



## COMPLEX DESIGN & CUSTOM COLOURS – NO PROBLEM

We have expertise in processing a wide range of plastic materials including TPE, TPEE, Polycarbonate, ABS, SAN, Polystyrene, Polypropylene, COC, Polysulphone, PEEK, and Polyethylene.

We have drying equipment on every machine in order to prepare hygroscopic materials for production and can colour natural materials to your specification.



# HELPING IN THE BATTLE AGAINST BRAIN CANCER

This summer, we're pleased to have been awarded a contract by Glasgow-based DxCover Ltd to develop cleanroom-manufactured slides that will be used for the detection of cancer cells via blood serum droplets.

The contract, which works in partnership with the world renowned Strathclyde University, will see us produce 15000 slides for clinical trials.

The ground-breaking technology, used by DxCover Ltd, will use infrared light and proprietary algorithms to analyse patient blood serum samples and detect the presence or absence of disease.

The medical-grade plastic slides, will play an instrumental part of the process, allowing doctors to diagnose cancer more quickly. MMP specifically appealed to the company because of its ability to

work with partners from concept to end design.

Peter Lucas, co-director of Medical Moulded Products said: "Our unique offering is in the ability to create products that meet all technical and regulatory requirements and to be able to adapt designs that enable our clients to find the perfect solution.

"Initially we worked on a low volume of slides for Dxcover which, after a couple of modifications, following discussions with Dxcover, were introduced to help revolutionise the fight against brain cancer"

Dr Mark Hegarty, CEO and Co-founder of DxCover Ltd, said

"It's been a pleasure to work with the team at Medical Moulded Products. I'm delighted to see that MMP are growing and can highly recommend them for their thoroughly professional service, fast response and their quality standards to ISO:13485."

## OUR MACHINES - TECHNOLOGY DELIVERING

Our state-of-the-art injection moulding machines boasting the latest technology are amongst the most energy efficient on the market.

Injection moulding machine parameters can be stored for further use ensuring that the exact settings used previously are replicated on all future production runs, this guarantees consistent quality every time.

Furthermore, as all of our machines are the same make, injection moulding machine parameters can be switched to any machine available allowing us to move production around our machines without compromising quality.



# SUPERCHARGE YOUR MOULDING

The Powerhouse in Cleanroom  
Plastic Processing

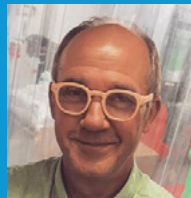
- > CLEANROOM
- > INJECTION
- > PRODUCT DEVELOPMENT
- > BESPOKE SERVICES
- > CONSULTANCY

24  
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ISO  
STANDARDS

100%  
CLEANROOM

Call us to discuss your  
product requirements.  
We are here to help.



Peter Lucas

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