

# MOULD

## VALIDATION & METROLOGY



## GTM'S VALIDATION CENTRE

### ADVANTAGES OF MOULD VALIDATION WITH GTM:

- Qualified process technician on site to oversee mould trials and DOEs
- GTM have the space for customers to place their IMM's on site if required
- Direct access to the toolroom for immediate tooling mod's, fixturing requirements, etc.
- Direct access to design support for component & tooling updates.

We offer three options to our customers to meet their validation needs.

- GTM standard validation process.
- Customers validation process.
- Bespoke validation process.



### WHY GTM?

Galway Tool & Mould design and manufacture outstandingly precise, high-performance, cost-effective injection moulds. We bring your concept through to complex injection mould solutions.

At GTM, we are known for working closely with our customers on their core ideas and generating feasible, innovative concepts. We offer a complete turnkey solution for our customers, from initial component design through to final testing & validating.

Our services include; Product Design & Development, Manufacture of Prototype & Pilot Moulds, Manufacture of High-Precision Production Moulds, In-House Mould Trial & Validation Centre, and In-House Metrology Capabilities.

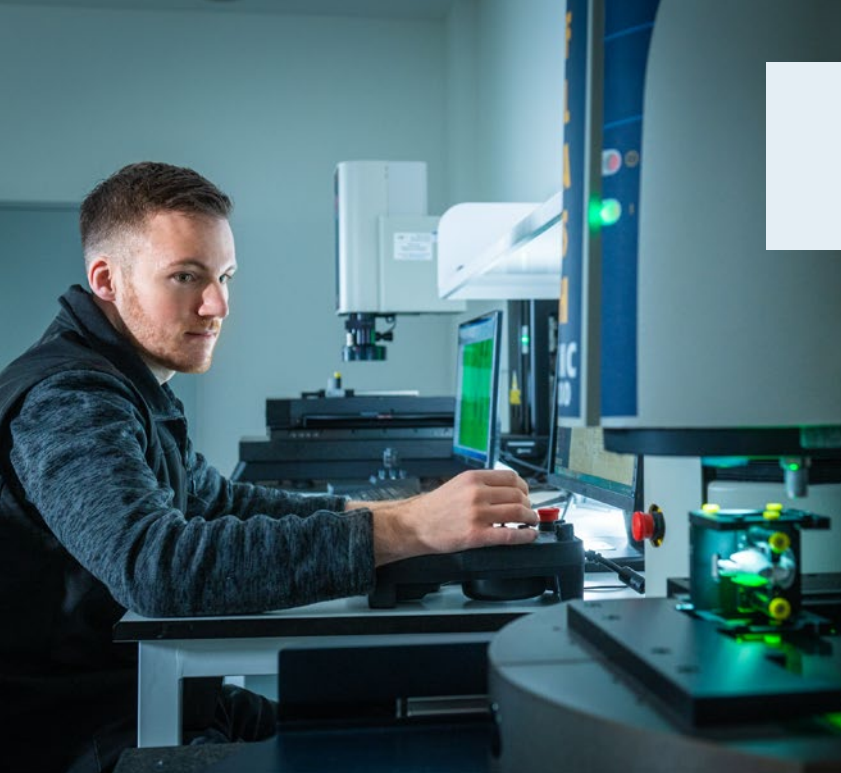
We maximise production capacities with 'lights out' manufacturing and we are continuously investing in state-of-the-art machinery and facilities to meet all of our customers' requirements.

Through our In-house capabilities we keep your project on time, on specification, and on budget.

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# METROLOGY

## KEY BENEFITS:

- Reduces logistics.
- Assures tooling quality & reliability.
- Accuracy.
- Precision.
- Inspection.
- Repeatability.

At GTM we continually invest in the latest software & equipment, some of which include:

- Mitutoyo CMM
- OGP SmartscopeSystems (Full CNC with Probes)
- Swiss Measuring Instruments TrimosV
- MiniTab
- MeasureMind3D
- Full Range of general inspection equipment

# MOULDING

## KEY BENEFITS:

- Complete solution.
- Class 8 clean room moulding capabilities.
- Frees up customers own production capacity.
- Increased speed in part qualification.
- Cost effective.
- Replicate real production conditions.
- Various options on grade of material.

Our technology includes:

- Fanuc RoboshotS 2000i 300B
- Fanuc RoboshotS 2000i 100B
- Fanuc Roboshot S 2000i 50A
- Fanuc Roboshot S 2000i 30B
- All machines equipped with Hopper Dryers
- IMM's equipped with robot capability.



## THE GTM WAY...Excellence Through Precision

