



# SWISSCI



## PRODUCTION CAPABILITIES

From Concept to Full Scale Production



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## Our Capabilities

*The in-house engineering and design teams have over 25 years in bespoke mould tool manufacture and production. We can research patent databases prior to application design. In addition, we provide SLA model making and tool manufacture running through to product launch. Our project management process all takes place in-house for quality control and efficient value-driven solutions.*



### APPLICATION DESIGN

- Housing design
- Complete system development
- Optimal material selection
- Format and size deliberation



### PROTOTYPING

- Initial Design
- SLA Modelling
- Mechanical Prototyping
- LVHM Production
- Automation



### ASSEMBLY / REAGENTS

- Choice of Adhesive Techniques
- Materials Selection and Handling
- Capability
  - Product Assembly
  - Mechanical Assembly
  - Surface Finishing
  - Reagent Filling



## QUALITY

We are a totally integrated supplier very conversant with managing major international programs. We manufacture high quality plastic manufacturing products with special expertise for customers in clinical and laboratory businesses. Our manufacturing facilities are clean and safe. All our processes are in line with international guidelines with clean room facilities.

Our quality programs include verification of machinery and equipment; i.e. design qualification (DQ), installation qualification (IQ), operational qualification (OQ), and performance qualification (PQ).



### MOULDING

- Insert Moulding
- Injection Moulding
- Twin shot Moulding
- Bespoke Setup
- Optimisation of Production Parameters



### TESTING

- Laboratory Testing
- Contamination Validation (RNAse, DNAse, pyrogen-free)
- Sterility Testing
- IVD Test Validation
- CE Marking
- Beta Test Site Evaluation



### LAUNCH

- Clean room production class 100,000
- Printing with Camera Examination
- Packaging (ready for sale)
- Transport to Customer Location
- Delivery to R&D Location



# About Us



# SWISSCI

## OVER 25 YEARS OF MANUFACTURING EXPERTISE

SWISSCI has been in business since 1990 in various divisions. Over the years, we have brought together tool making, injection moulding, reagent filling and full scale production. Our commitment to the same combination of personal approach and high quality moulding solutions remains a cornerstone of our company. We continue to invest for the future in innovative technologies to provide the best service for all your scientific product requirements.

### END-TO-END

The SWISSCI team provides a full service project management approach. We are structured to deliver cost-effective solutions for our customers; from concept and initial design through to manufacture, tool trials and inspection, leading on to series production.

### BESPOKE MANUFACTURER

Our advanced machinery allows bespoke setup for all kinds of projects. Our team of engineers and designers are expert in automation design and project management to meet specific requirements of any project.

### SWISSCI BRAND

Our own range of R&D products form the cornerstone of our brand.

### IN-HOUSE

All our operations are carried out in-house - i.e. no outsourcing - in our wholly-owned facilities. This allows our team to oversee quality design and manufacture from start to finish under the same roof.

### PROJECT MANAGEMENT

Our dedicated Project Manager takes care of the whole process from concept through to tool manufacturing and production oversight.

### GLOBAL REACH

We manage clients in major global markets and offer support for manufacturing overseas.