



custom

design and  
development

systems

bespoke instrument  
solutions



Innovators in microfluidic solutions

## How can Dolomite help you to develop your microfluidic system?

**All too often, good science gets let down by poor engineering implementation. Dolomite's Productizing Science concept involves taking a technology that has been demonstrated in the laboratory and turning it into a commercially successful product.**

### Productizing science

Dolomite's key strength lies in offering a complete service from problem conceptualization through to full instrument design and development.

By Productizing Science we can help you take your ideas to the next level and turn them into successful market-leading products. We have a track record of taking early stage microfluidic technologies and developing award winning, user friendly scientific instruments and systems.

**All of our bespoke solutions are specifically designed for your particular requirements and can be tailored to fit in with your existing products and systems.** Furthermore they can be customized to interface with other software or products that you already operate.

### Taking your ideas to the next level

**We are committed to helping our clients achieve business success. Dolomite is the right partner with the right expertise.** We can help you if you:

- have a fantastic concept but need help in designing the product for commercialization,
- have already developed a prototype system which you want to take to the next level,
- work for a university or research institution that created IP and are now looking for a product solution to market,
- own IP rights, such as patents or design notes, but do not have the product to capitalize on the idea.

We have all the expertise and experience to get your ideas off the drawing board and into the market place.

### Recent examples of bespoke instrument solutions include:

#### Microcapillary Protein Crystallization System

Development of the award-winning Plug Maker™ for Emerald Biosystems. The instrument runs high throughput protein crystallization experiments on disposable microfluidic chips.

#### Microreactor system with a Microreactor chip

In collaboration with Syrris Ltd, Dolomite designed and fabricated a microreactor system with heating, cooling, on-line analysis and automated reagent injection.

#### Genome sequencing solution

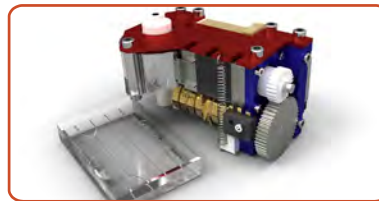
Dolomite has developed solutions for high-throughput processing of microfluidic devices for genome sequencing systems.

### From concept to reality

**Whether you are a technology start-up company or an established instrument manufacturer, there are many ways we can assist you to turn your concept into reality.**

From the starting point of a concept and feasibility study, Dolomite provides a vision for the end instrument. Following design approval, we will develop all software, control, mechanical systems, firmware, electronics and battery operated devices required for the end product.

All product and design projects consist of individual project phases which are managed by our Fan Guard System, which allows us to identify problems as early as possible and to ensure accurate tracking of costs, time-scales and risks.



**Left:** Design and fabrication of a modular flow system for Syrris Ltd

**Above:** Precision drive systems provide highly accurate control for our microfluidic devices

**Right:** Bespoke products maximize functionality with minimal footprints



## Innovators in microfluidic solutions

ISO 9001:2008 certified



### The Dolomite Centre Ltd.

Unit 1, Anglian Business Park, Royston,  
Hertfordshire, SG8 5TW, United Kingdom

**T:** +44 (0)1763 242491

**F:** +44 (0)1763 246125

**E:** info@dolomite-microfluidics.com

**W:** www.dolomite-microfluidics.com

### Dolomite Microfluidics

29 Albion Place  
Charlestown, MA 02129, USA

**T:** + 1 617 848 1211

**F:** + 1 617 500 0136

**E:** info@dolomite-microfluidics.com

**W:** www.dolomite-microfluidics.com