Plant Sciences
(LED Growth Chamber)

We work with customers across a diverse range of industry sectors including:

- University research laboratories
- Medical imaging & instrumentation
- Medical devices & diagnostics
- Biotechnology
- Laboratory equipment manufacturing
- Computer Control / Robotics

Contact us for a no-obligation and confidential discussion of your design, development & prototyping needs

Barry Gleave, Director

T 0161 958 3594

F 0161 958 3595

E stopfordworkshop@googlemail.com

W www.stopfordworkshop.co.uk

We have a team of experienced technicians and approximately 2000 sq ft of well equipped workshops at:

Stopford Workshop Ltd

Stockport College Town Centre Campus

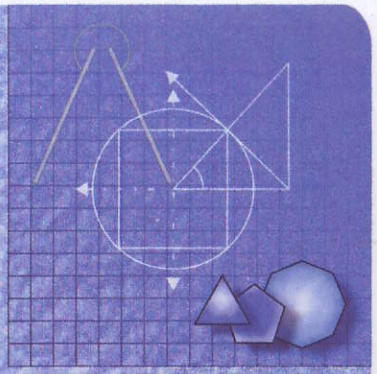
Wellington Road South

Stockport SK1 3UQ

Stopford Workshop Ltd

(On-site - Technical - Scientific)

(Repair – Design – Make)



Stopford Workshop Limited

Custom design and prototyping services for R&D scientists and technologists

Scientific equipment development and repairs

Spun out from the University of Manchester in 2008.

Stopford Workshop Ltd collectively brings more than 100 years of expertise to biomedical, academic and scientific research laboratories across the northwest.

With specialist workshop facilities and an experienced design engineering team we'll rapidly develop a demonstrator model of your novel technology.

We work with business and public sector research customers to support and add value to capital-intensive laboratory and research processes.

Our design and prototyping services include

- Preliminary assessment of ideas and feasibility studies
- Electronic and mechanical engineering design and prototyping
- Proven track record to substantiate research funding applications
- Allied to the **Peak companies** to extend our capabilities through to manufacture and distribution **www.peakco.co.uk**

PEAK®

(ISO 9001)

A few of our prototyping projects include

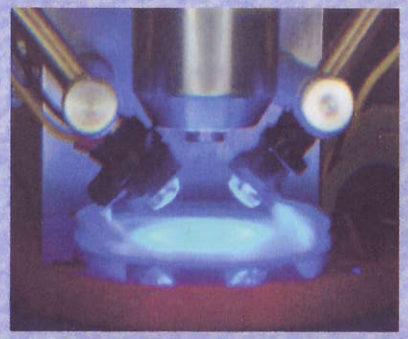
Medical Imaging

We've made an entire series of calibration phantoms used with x-ray and NMR scanners to place visible markers at precise locations in the X Y Z planes allowing images and scanners to be calibrated more effectively.

Calibration Phantoms

Materials Science

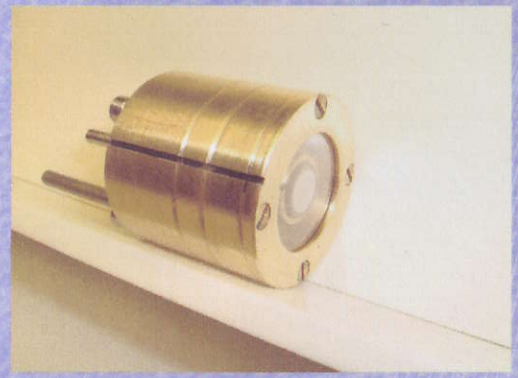
We've helped materials scientists to better measure the characteristics of how material flows.



Rheology Apparatus

Tissue Engineering

We've designed and manufactured bioreactor instruments to help medical research scientists grow and investigate live cells and the development of tissue. These prototype instruments are challenging precision engineering projects, requiring state-of-the-art high performance materials.



Bioreactor

Plant Sciences

Conventional growth cabinets using fluorescent and incandescent lighting are expensive, inefficient and wasteful. We've shown that with good design and careful thermal management it's possible to maximise LED light output to grow plants at a fraction of conventional energy and maintenance costs.