

Specialist Laser Micromachining Services

Unique collection of 3 lasers: 795nm femtosecond, 193nm & 157nm excimer

Custom designs, Rapid prototyping, Production micro-foundry

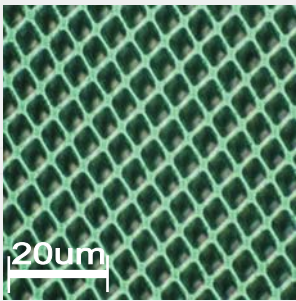
Approved EPSRC charge-out rates; Commercial open-access facility

Send your sample for processing or attend in person and learn & take part

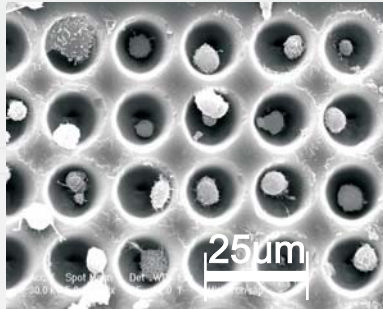
Life Sciences

Bio-compatible materials

Biodegradable polymers, PFA
Glass, Polymers, PDMS



Custom cut-off membranes

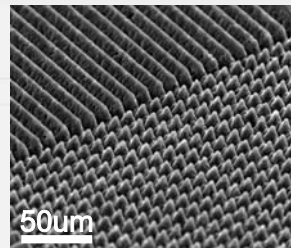


Single cell localisation

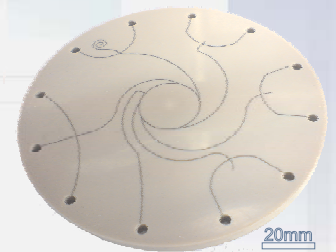
Chemistry

Chemically resistant materials

PTFE, Fused silica, PEEK
Quartz, Teflon AF
Stainless steel



Chromatographic separation columns

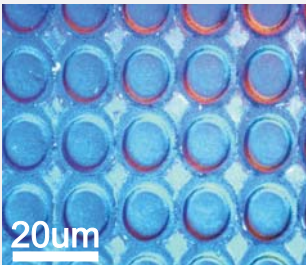


Microreactors

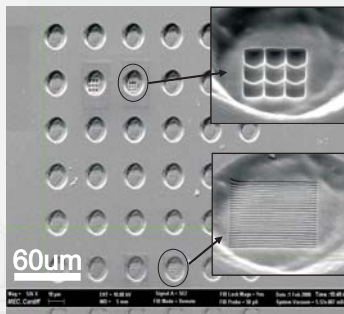
Optics

UV transmissive materials

Fused silica, Quartz,
Teflon AF, Sapphire



Mask plates

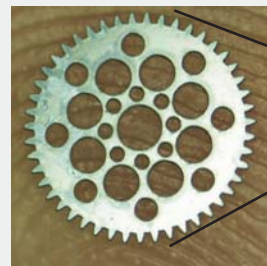


Diffraction gratings and micro lenses

Electrical & Mechanical

Precision machining

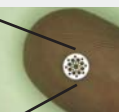
Steel Sapphire
Silicon PEEK
Alumina Ceramic



MEMS devices



Any shape
any material



Rapidly produced shadow masks

NIKON Microscopy suite - optical, SEM, surface interferometry: Hands-on access
ThermoFischer Liquid Chromatography - Mass Spectrometry: Hands-on access
VEECO Optical Interferometry - thin film structural analysis: Hands-on access