Gwent Electronic Materials Ltd. (GEM)

Applied Enzyme Technology Ltd. (AET)

We are experienced in the development and production of materials for the electronics / biosensor/ electroceramics industries.

We supply biosensors for
medical, environmental and agri-food market sectors

Contract research on ink formulations and contact printing of biosensors

Our company has the facilities to assist with full start up of biosensor plants.

Contracts undertaken to support start up ventures in this area...
Screen-Printed Materials are commonly used in re-usable and disposable biosensors

For example:-
Carbon – graphite mixes
Silver conductors
Insulators / Dielectrics
Adhesives
Our Screen-Printing Capability consists of :-
Research and Development Scale Dek1202
Pilot Scale – Dek245
Class 100 print room
Prototype Production Dek248
Optical Alignment system Dek260

Capability of 1 million + electrodes per year

Additionally A.E.T. Ltd can :-
provide Bio stabilisation services
Biosensor fabrication service
using bio dispensing robotic systems

Please contact us to discuss how we can help you.

sales@gwent.org
Tel:- +44 1495 750505