COMPANY PROFILE

Specac Limited

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Specac Limited, established in 1971, is a worldwide innovator in the design and manufacture of spectroscopic accessories and sample preparation.

We are justifiably proud of our pedigree in providing accurate and reliable IR and FTIR sample handling accessories to academic, industrial and research institutions worldwide. Spectroscopists around the globe have depended continually upon Specac for innovative products that keep pace with the changing needs of their markets.

Our portfolio of products have the ability to analyse samples of any size and in liquid or solid form, and are also adaptable at low and high temperatures.

Our Strategy is to be bold, travel the world meeting our customers and giving the best sampling solutions using ATR, diffuse and specular reflectance, temperature control and sampling automation.

GOLDEN GATE
with USB Temperature Controller

- Robust brazed monolithic diamond ATR system available
- In-built heater with thermal cut-off to prevent overheating and PEEK insulating material
- Space saving USB controller and PC based control software

Applications

Polymers & adhesives
Biomaterials
Chemical processes
Carbon capture media

THE QUEST
Single Reflection ATR Accessory

- Interchangeable pucks
- All-reflective optics and monolithic crystals
- Pressure tower for sampling of solids and powders
- Optional liquid puck format
- With new: Arrow™ silicon ATR slides

**The Arrow
Applications**

Pharmaceutical
Glues
Petrochemical
Life Science

THE PEARL
Liquid transmission accessory

- The easiest to use FTIR liquid sampling system available
- Faster, more accurate and more repeatable than traditional liquid cells
- Wedged option to eliminate troublesome fringing completely

Applications

Oil & Lubricants
Edible Oils
Grease, Pastes & Slurries
FAME & Diesel