

Arrow™ Si ATR consumable slides

A silicon ATR consumable technology for high-throughput liquid sampling applications in forensics and quality control.

Designed for the Quest ATR accessory, Arrow™ allows rapid assessment of a range of liquid analytes. Sample batches can be prepared away from the spectrometer on sample slides made from polypropylene. Reduce your sample handling and boost your productivity.

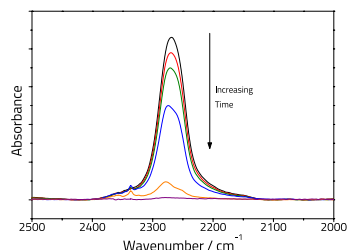


Key Features

- Ultra-thin silicon wafer ATR
- Batch prepare samples ex-situ
- No cleaning required
- Archivable samples
- Retrofittable to all existing Quest™ units
- Volatiles cap supplied with each Arrow™



Application - adhesive curing



Decay in the N=C=O isocyanate band of a setting adhesive over time measured on an Arrow™ Si ATR slide

Ordering Information

Arrow™ starter kits & refills

GS10885	Arrow™ Starter Kit (puck plus 100 slides)
GS10884*	Quest ATR accessory with Arrow™ Starter Kit
GS10882	Arrow™ slides refill pack (pack of 100)

Spares & replacements

GS10805*	Quest optical base
GS10883	Spare Arrow™ puck

Note: *please specify spectrometer make and model when ordering.

Specifications

ATR material	Silicon wafer
Active Area	3.75 x 4.75 mm
Materials	Polypropylene (slide), anodized aluminium (puck)
Sealing	Thermoplastic elastomer
Nominal angle of incidence	45°
Spectral range	8000-30 cm⁻¹
pH range (silicon)	1-12