

Quest Preparation

- 1 Install Quest into your IR spectrometer (Consult Quest manual for further details). If present remove existing puck.
- 2 Fit Arrow Puck to Quest.

Sample Loading

! To avoid damage to your quest and spectrometer samples should be loaded away from the spectrometer.

Liquids

- 1 Pipette liquid into sample well. Silicon MUST be completely covered.
- 2 Cap can be fitted to reduce spillage and evaporation. **!** To prevent over-pressurization and leakage place cap gently and slowly onto slide.

Solids

- 1 Dissolve/disperse solid sample in solvent.
- 2 Pipette solution/dispersion into sample well. Crystal MUST be completely covered.
- 3 Allow solvent to evaporate fully.

Sample Measurement

Background Spectrum Collection

- 1 Insert blank slide into Quest puck.
- 2 Record a background spectrum.
- 3 Remove blank slide.

Sample Spectrum Collection

- 1 Insert sample slide into Quest puck.
- 2 Record a sample spectrum.
- 3 Remove sample slide.

Tips and Tricks

- Do NOT apply a load to the slide.
- Do NOT overfill the sample well.
- No cleaning required.
- For easy insertion into the puck grasp slide by edges rather than top/bottom.
- Do batch prepare samples.

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