

Raman process analysis

Five key benefits of the MarqMetrix All-In-One process analyzer and MarqMetrix BallProbe sampling optics

1. If you can touch a sample, you can take a measurement

The Thermo Scientific™ MarqMetrix™ All-In-One Process Raman Analyzer operates with various MarqMetrix BallProbe™ Sampling Optics that use proprietary TouchRaman™ technology allowing you to simply touch the end of the probe to the sample to take a Raman measurement.

The probe's short focal length can accurately analyze liquids, solids, slurries, powders, and heterogeneous mixtures, while eliminating user-to-user variation.

2. Choose the shape and size of probe that works best for your application

The MarqMetrix BallProbe optics come in various forms suited for different applications. You can find probes that withstand harsh environments, moderate chemical exposure, and meet demanding bioprocessing settings.

3. The probes are built to last

Ultra-resilient MarqMetrix BallProbe optics are designed to withstand temperatures from -20c to 150c and pressures up to 6,000 psi. No matter what you want to measure, these probes can take the heat and pressure.

4. The probes are compatible with multiple Raman systems

While MarqMetrix BallProbes are designed for use with the MarqMetrix All-In-One analyzer, they are also compatible with numerous Raman systems from other manufacturers. All MarqMetrix BallProbe optics are incredibly easy to swap, giving you additional flexibility for varying applications. The probes self-align, eliminating annoying downtime when changing probes for different applications.

5. You can work with us to customize probes

We know you have unique applications that require powerful solutions. In partnership with Thermo Fisher Scientific, MarqMetrix BallProbe optics can be manufactured to custom specifications from materials suited to your application. Contact us at the URL below to learn more.



MarqMetrix Bioreactor BallProbe with TouchRaman immersion technology



MarqMetrix Process BallProbe



MarqMetrix FlowCell with MarqMetrix BallProbe technology

Learn more at thermofisher.com/marqmetrixai0



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