

MARQMETRIX®

MEASUREMENT MADE SIMPLE

CONTACT US

ALL-IN-ONE

with TouchRaman® BallProbe® technology

RAMAN INSIGHTS IN 15 MINUTES

The MarqMetrix® All-In-One (AIO) Process Raman System is the ultimate quality assurance, product development, and research tool. With the AIO, businesses can conduct real-time, non-destructive and immediate analysis without sample preparation.

MarqMetrix TouchRaman technology makes precise and accurate measurements simple to execute and understand. Our one-button hardware and easy-to-use software will have you taking highly accurate Raman measurements in less than 15 minutes out of the box.

Priced to be installed at all points of need, the AIO is easily integrated into your existing process and eliminates the need for costly scientists.

RAMAN ON THE ROAD

With a small footprint and lower cost, the AIO makes Raman analysis portable and puts decision-makers at the point of measurement.

Pack your AIO in a protective case and take it to the point of need. MarqMetrix factory calibration ensures continuous and precise process analysis out of the box.

Plug in.
Measure accurately.
There is no step three.

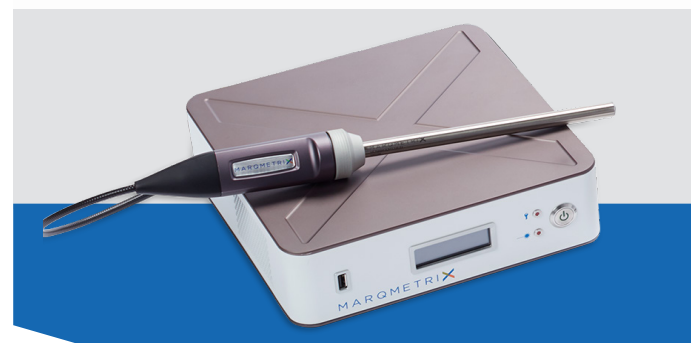


FEATURES & BENEFITS

- Non-destructive and immediate analysis without sample preparation
- Reduces cycle times and increases product yields
- Easy installation and operation
- Small footprint
- Factory calibration for hardware stability and portability

APPLICATIONS

- Biopharmaceutical manufacturing
- Pharmaceutical manufacturing
- Food and beverage processing
- Polymer and plastic manufacturing
- Hazardous chemical applications



For more information contact:

206-971-3625

info@marqmetrix.com

The power of Raman, the simplicity of MarqMetrix

Visit MarqMetrix.com



ALL-IN-ONE

with TouchRaman® BallProbe® technology

Everything needed to take high-quality Raman measurements is combined into a single unit: the AIO includes a spectrometer, laser, TouchRaman Fiber BallProbe®, and acquisition computer.



Performance

Excitation Wavelength	785nm
Excitation Power	10-450mW
Detector	Thermally Stabilized CCD (2-Stage TEC)
Spectral Range	100-3250 cm ⁻¹
Resolution	6.5cm ⁻¹ average across spectral range
RMS Dark Noise	≤16.5 counts @ 10 sec integration

Physical Properties

Size	H 7.7cm W 25cm D 25cm
Fiber Connections	FC/PC (both excitation and collection)
Probe	MarqMetrix Fiber BallProbe®
Mounting Options	Stackable
Operating Temperature Range	15°C to 33°C
Operating Humidity Range	Non-condensing

Product Safety

Safety Features	1 Keyed Laser Interlock switch, Electronic laser trigger
Laser Certification	Class 3B laser device Reported to the FDA

Included Peripherals

Wireless Keyboard, Mouse, HDMI, Monitor

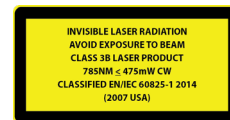


Electrical

Input Voltage	90-264 VAC 50-60Hz
Operating Voltage	12VDC, 2A

Onboarding Control System

Software	MarqMetrix Raman Suite
Controller	Integrated PC (Windows 10 OS)
Onboard Storage	128 GB standard
Onboard I/O	1 RJ-45 Ethernet Port 3 USB 3.0
Video Output	1 Display Port 1.1 (VGA, DVI or HDMI with Adaptor)



For more information call:

206-971-3625

info@marqmetrix.com

MarqMetrix.com

8023 v3.2

U.S. Patent No. 6,977,729 B2

