

RAMAN AIO (ALL-IN-ONE)

with TouchRaman™ immersion technology

MARQMETRIX

MEASUREMENT WITHOUT LIMITS
MAKE FASTER, MORE INFORMED DECISIONS



The MarqMetrix® Raman AIO is the most accessible Raman unit on the market: powerful, affordable and easy to use.

The AIO was designed specifically for use with the patented MarqMetrix BallProbe®, enabling TouchRaman functionality.

TouchRaman gives experts and non-experts equal ability to take the same high-quality, reproducible measurements by simply touching the sample and acquiring the data.

Performance

Excitation Wavelength	785nm
Excitation Power	5-400mW
Stability	0.007nm/°C
Laser Warm-Up	< 10 sec
Spectral Line Width	< 0.15 nm
Spectral Range	200-3100 cm ⁻¹ (uncooled) 150-2700 cm ⁻¹ (cooled)
Resolution	8cm ⁻¹ (@826nm)

Physical

Size	7.3 cm H 25 cm W 25 cm D
Fiber Connections	FC/PC (both excitation and collection)
Probe	MarqMetrix Fiber BallProbe®
Mounting Options	Stackable, DIN capable, M4 bolt pattern
Operating Temperature Range	5°C-35°C (cooled option stabilizes CCD temperature)
Operating Humidity Range	Non-condensing

Product Safety

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

Electrical

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

For more information call:

206-971-3625

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MarqMetrix.com

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

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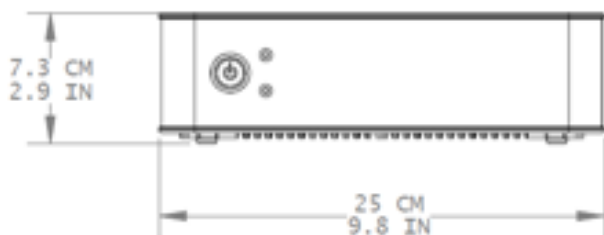
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The MarqMetrix Raman AIO is everything needed to take high-quality Raman measurements.

Combined into a single unit, the AIO includes spectrometer, laser, TouchRaman BallProbe, and acquisition computer.

Simply plug in and use.



Onboard Control System

Software	MarqMetrix Raman Suite
Controller	Integrated PC (Windows 10 OS)
Onboard Storage	32 GB standard
Onboard O/I	1 RJ-45 Ethernet Port 2 USB 3.0
Video Output	1 Display Port 1.1 (VGA, DVI or HDMI with Adaptor)

Included Accessories

Wireless keyboard, Mouse, HDMI Monitor

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