

RAMAN ALL-IN-ONE (AIO)

with TouchRaman® BallProbe® technology



The MarqMetrix Raman All-In-One is everything needed to take high-quality Raman measurements.

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

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

Performance

| | |
|------------------------------|---|
| Excitation Wavelength | 785nm |
| Excitation Power | 5-450mW |
| Detector | Thermally Stabilized CCD (2-Stage TEC) |
| Spectral Range | 100-3200 cm^{-1} |
| Resolution | -6 cm^{-1} average across spectral range |
| RMS Dark Noise | < 19 counts @ 10 sec integration |

Physical

| | |
|------------------------------------|--|
| 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 | 5°C to 35°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 |

Electrical

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

For more information call:

206-971-3625

info@MarqMetrix.com
MarqMetrix.com

The power of **Raman**, the simplicity of **MarqMetrix**

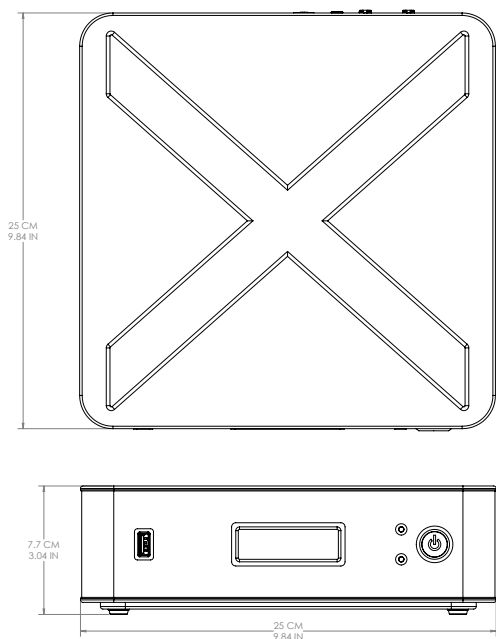
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The AIO was designed specifically for use with the patented MarqMetrix BallProbe, enabling TouchRaman functionality.

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.



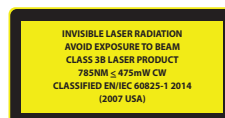
The MarqMetrix® Raman AIO is the most accessible Raman unit on the market: powerful, affordable and easy to use.

Onboard 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) |

Included Peripherals

Wireless Keyboard, Mouse, HDMI, Monitor



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