



# Next Generation Proton Precession Magnetometer

Engineered with Precision by AtomicX

## AtomicX: Pioneering the Future of Magnetic Surveying — Advanced Technology, Compact Design, Cost-Efficient Exploration.

**AtomicX** is an innovative pioneering instrumentation company dedicated to advancing Earth's magnetic measurement and analysis. By merging precision physics with intuitive data visualization, Atomic X creates tools that transform raw magnetic data into real-time, multidimensional insights — empowering researchers to push the boundaries of magnetic science.

**MAGTrans Systems Private Limited** the **Exclusive Authorized Distributor for Atomic X in India** is an ISO 9001-2015 company with 45 years of experience representing National and International reputed companies in supply, service and maintenance of Geophysical and Geoscience Equipment, Process Cooling Solutions, Testing, Measuring & Analytic equipment and a complete product range of Magnetic Measurement instruments & Systems in India.



## How is Atomic X's PPM Superior?

### Omni-Directional and Alignment-Free with Toroidal Sensor Technology

**AtomicX's** PPM features a **toroidal sensor** that eliminates the need for manual orientation and alignment. This feature simplifies operation and enhances its practicality in the field. **Users can freely move the device without worrying about maintaining a specific orientation**, making it an ideal tool for diverse terrain and dynamic survey environments. Plus, **it's highly resistant to electromagnetic interference**, allowing users to take reliable measurements even near power lines.



**MAGTRANS Systems Private Limited**

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## Works Anywhere Straight out of the box with Global Tuning-Free Technology

The **AtomicX** Proton Precession Magnetometer (PPM) features a revolutionary design that eliminates the need for traditional sensor coil tuning. Thanks to this innovation, the device delivers instant responsiveness to rapid, large-scale changes in the magnetic field. Its real-time adaptability sets it apart, making it exceptionally effective for dynamic field environments. **Unlike conventional magnetometers that require frequent retuning at each new location, the AtomicX PPM operates flawlessly right out of the box—anywhere on Earth.**

## Data Handling & Visualization – Instant Insight, Total Control

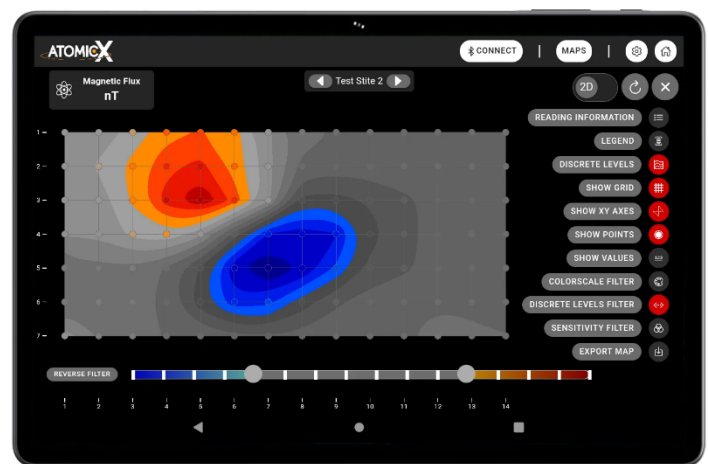
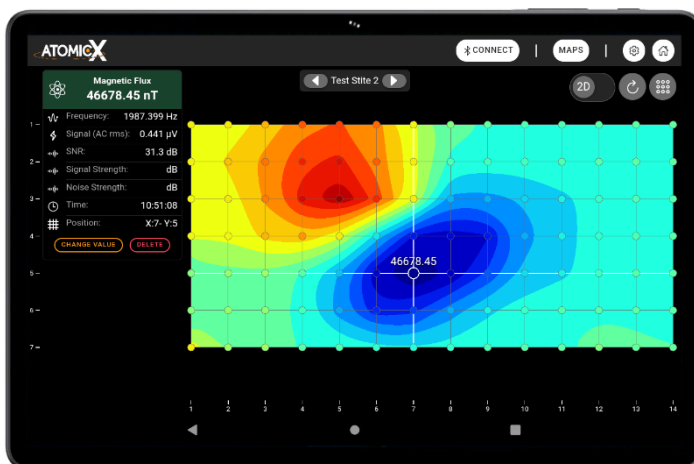
Conventional PPMs do not come with an integrated software, forcing operators to second-guess their data and spend hours post-processing measurements. Valuable field time is lost, and data insights arrive too late.

**AtomicX PPM: Comes ready-to-go with a dedicated tablet and advanced app, turning raw measurements into real-time, actionable insights:**

**Support for time graphs, expansive 2D maps, or 3D surface models.**

**The app processes and displays data instantly as it's collected**

**Removes the hassle of post-processing or transferring files to external computers**



## Affordable. Accessible. Unstoppable.

**AtomicX** delivers advanced magnetometry at a fraction of the typical cost, making world-class performance accessible to every research lab, survey team, and organization. For detailed technical discussions and product recommendations tailored to your application, please reach out using the phone number or email below, and our MAGTRANS Technical Engineer will connect with you directly.

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