

PRECISION TIMING

Rubidium Atomic Clocks

Rubidium atomic clocks are high-performance, compact, and low-power-consumption devices delivering precise 10 MHz outputs. They are widely used in aerospace, defense, communication, and other high-reliability applications.

Overview

Rubidium atomic clocks are designed for applications requiring exceptional frequency accuracy and reliability. Their compact structure and low power consumption make them ideal for use in demanding environments, including aerospace, military vessels, and satellite navigation systems.

Products

Applications

- **Aerospace:** Satellite navigation and space exploration.
- **Defense:** Radar and military communication systems.
- **Telecommunications:** Network synchronization and timing.
- **Power grids:** Frequency stability for power system operations.

External Resources

For further technical specifications and usage guidance, visit the [NIST Rubidium Atomic Clock Page](#).

For more information about our high-precision atomic clock solutions, or to discuss how these can enhance your projects, please [contact us](#).