

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE CHROMONETER & CLOCK

# Astronomical Clock

Astronomical Clock is a kind of high precision time measuring instrument, the vibration frequency of the frequency of 4.19 MHz AT cut circular frequency of quartz crystal as a time reference, using the temperature freque...

ISO9001 Supplier

Class Certificate

Export Supply



### Key Highlights

Category	Marine Chronometer & Clock
Standard	EN
Weight / Size	Antimagnetic Performance:≥7 oster 7.Size:
Certificate	Mill certificate

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

Category	Marine Chronometer & Clock	Model / SKU	Astronomical-Clock
Standard	EN	Weight / Size	Antimagnetic Performance:≥7 oster 7.Size:
Certificate	Mill certificate	Warranty	12 Months unless specified otherwise
Origin	China		

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## China Astronomical Clock:

**Astronomical Clock** is a kind of high precision time measuring instrument, the vibration frequency of the frequency of 4.19 MHz AT cut circular frequency of quartz crystal as a time reference, using the temperature frequency capacitor automatic compensation, can guarantee in a wide temperature range with highaccuracy of the clock. The time indication way for the second jump threeneedle analog, this product adopts two No. 1 batteries in parallel type power supply, so as to improve reliability, but also can replace the batteryconveniently, the quartz clock in the replacement of the battery does not stop and go, the other two batteries power supply also prolong the service life of the battery.

This product is with high second signal stability, in addition to poking mechanism of foreign, also with the speed, the stop button and other devices, the product is suitable to use in navigation, astronomy, seismic, geodetic and laboratory as time standard.

## Specifications:

1. Oscillator: NDK 4.194304MHz
2. Time Keeping Accuracy:  $\leq \pm 0.2\text{s/day}$  at  $+20^{\circ}\text{C} \pm 1^{\circ}\text{C}$
3. Power: DC 1.5V
4. Second Movement Type: Leapfrog
5. Resistance to vibration and Impact Performance: (The clock should run normally at following conditions)
  - 1) Vibration Frequency: 80Hz, Acceleration: 2g
  - 2) Impact Acceleration: 7g, Impact Frequency: 60~80 times per minute. (The clock should run normally with 2000 times impact.)
6. Antimagnetic Performance:  $\geq 7$  oster
7. Size: 200×145×80mm, Weight:  $\leq 3\text{kgs}$