

Discover the secret of 2,100 years old 'astronomical computer'

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In 1902, when a ship was wrecked at a depth of 45m in the **Mediterranean Sea** , archaeologists were shocked to discover a strange machine.

According to the study, this ancient machine was created by **the ancient Greeks** 2,100 years ago and named **Antikythera** .



With modern technologies right now, scientists believe that the structure of this strange machine consists of many small details and gears are assembled together in an amazingly precise way.

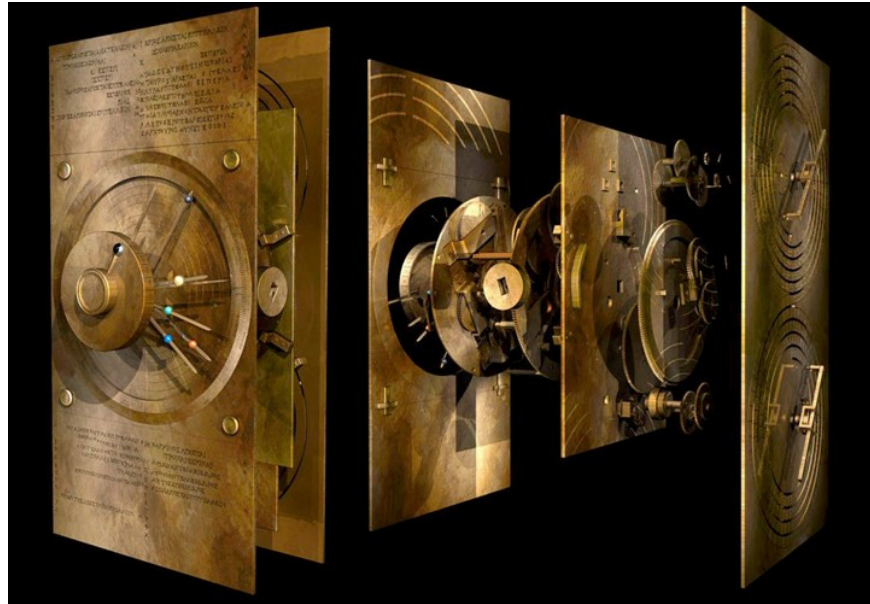
And what this machine can do makes the archeologists wonder and change the way they look at the ancient Greeks. No device has reached the level of fineness and sophistication like this machine before. This original machine is a 365-day calendar, it even calculates a leap year after 4 years. It also surmises astronomical phenomena (eclipses and eclipses), calculates the positions of the sun, moon, planets and stars.



The machine model was rebuilt by scientists

Alexander Jones, professor of history of ancient science at New York University stressed that this machine is like a textbook teaching about the universe of the ancient Greeks.

When X-rays were taken, the researchers discovered tiny letters (about 1mm tall) carved inside wooden and hinged covers.



They rebuilt this machine through X-ray photos. Accordingly, it has a two-sided structure, one face has two needles to adjust the date and month in the calendar year of the ancient Greeks. When one side has been entered the day, month of the year, the other side will show the exact location of the earth, moon and sun.

Scientists believe that this astronomical machine was used by ancient Greeks to predict the weather of the year to serve agricultural activities.



The pieces of the machine are displayed at the museum

According to scientists, there are still about 20 remaining Antikythera machines still in the sea. They hoped to find the remnants of Antikythera soon and restore it completely.



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