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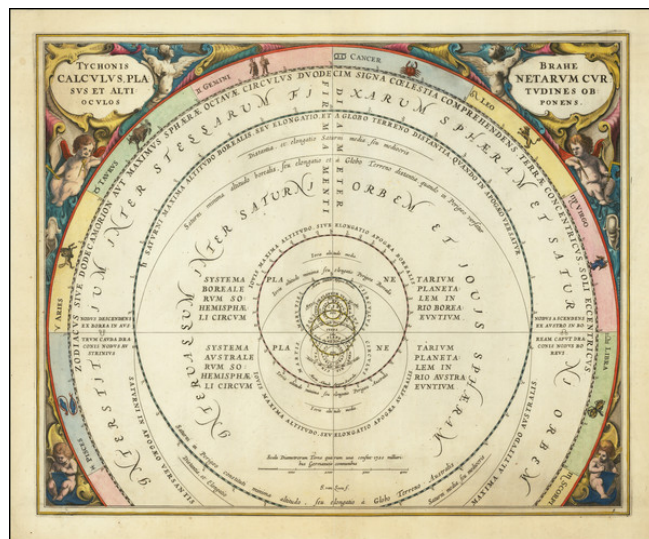
7407 La Jolla Boulevard
La Jolla, CA 92037

www.raremaps.com

(858) 551-8500
blr@raremaps.com

Tychonis Brahe Calculus Planetarum Cursus et Altitudines Oboculos Ponens . . .

Stock#: 79408
Map Maker: Cellarius
Date: 1661
Place: Amsterdam
Color: Hand Colored
Condition: VG+
Size: 20 x 17 inches
Price: SOLD



Description:

Fine example of this striking depiction of Tycho Brahe's model of the Universe, from Andreas Cellarius' *Harmonia Macrocosmica seu Atlas Universalis et Novus*.

Tycho Brahe was the last of the great "naked eye" astronomers. As a compromise between the models of Ptolemy and Copernicus, the Danish Astronomer Tycho Brahe proposed a model of the Universe which placed the earth at the center of the Universe and the Sun and Moon circling the Earth, but the other planets revolving around the Sun. His system was intended to harmonize the mathematical observations of Copernicus with the ecclesiastical imperatives of the times, namely, the preservation of Ptolemy's geocentric model of the Universe.

This chart provides Tycho Brahe's calculations of the courses and altitudes of the planets, in support of his helio-geocentric model. He believed that the Earth was too sluggish and heavy to be continuously in motion, and, as such, that it remained stationary at the center of the Solar System. In Brahe's system, as depicted here, the sun revolves around the earth, but all other celestial bodies (minus the moon) revolve around the sun. This allowed for an explanation for the variations in the distance and position of the planets from the earth at various points in the year. It should be noted that the Tychonian system was actually identical to the Copernican system under a coordinate transformation.

Detailed Condition: