

# Global Astronomical Telescope Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Astronomical Telescope market size is expected to reach \$ 247.6 million by 2029, rising at a market growth of 5.5% CAGR during the forecast period (2023-2029).

The global key producers of astronomical telescopes are Synta Technology (Celestron), JOC, Takahashi, Bosma, Vixen Co, etc. The largest producer is Synta Technology (Celestron), with about 50% market share. At the consumption level, North America has the the largest market with a share of 35%. In terms of product categories, refracting telescopes have the largest market share with 46%, followed by reflector telescopes with 40%. In terms of applications, 50% of the market share is for personal use and 35% for educational institutions.

Astronomical telescope is an optical instrument used to view heavenly bodies such moon, stars, planets and distant objects. Astronomical telescope consists of two convex lenses: objective and eye piece. The objective is a convex lens of large focal length and large aperture. It usually made of two convex lenses in contact with each other to reduce the chromatic and spherical aberrations. The eye piece is also a convex lens. Its focal length is smaller than that of objective. It is also a combination of two lenses.

For the telescopes with retail price below 300 \$/unit, they are generally sold with a bracket. Brackets for this level of telescopes are generally manual operated, they are low-cost and won't have big influence on the total cost of a telescope. But for telescopes of high-end, the cost of electric bracket or mount are quite high, these brackets or mounts are generally sold as accessories.

In this report, we mainly account the cost and price of telescopes, but bracket or mount not included.

This report studies the global Astronomical Telescope production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Astronomical Telescope, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Astronomical Telescope that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Astronomical Telescope total production and demand, 2018-2029, (K Units)

Global Astronomical Telescope total production value, 2018-2029, (USD Million)

Global Astronomical Telescope production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Astronomical Telescope consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Astronomical Telescope domestic production, consumption, key domestic manufacturers and share

Global Astronomical Telescope production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Astronomical Telescope production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Astronomical Telescope production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Astronomical Telescope market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Synta Technology (Celestron), JOC, Takahashi, Bosma, Vixen Co, SharpStar, Vista Outdoor (Tasco), Astro-Physics and Nikon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Astronomical Telescope market

#### Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Astronomical Telescope Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Astronomical Telescope Market, Segmentation by Type

Refracting Telescope

Reflector Telescope

Catadioptric Telescope

Global Astronomical Telescope Market, Segmentation by Application

Personal

Educational Institution

Scientific Research Institutions

Companies Profiled:

Synta Technology (Celestron)

JOC

Takahashi

Bosma

Vixen Co

SharpStar

Vista Outdoor (Tasco)

Astro-Physics

Nikon

Visionking

TianLang

Key Questions Answered

*Global Astronomical Telescope Supply, Demand and Key Producers, 2023-2029*

1. How big is the global Astronomical Telescope market?
2. What is the demand of the global Astronomical Telescope market?
3. What is the year over year growth of the global Astronomical Telescope market?
4. What is the production and production value of the global Astronomical Telescope market?
5. Who are the key producers in the global Astronomical Telescope market?
6. What are the growth factors driving the market demand?

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