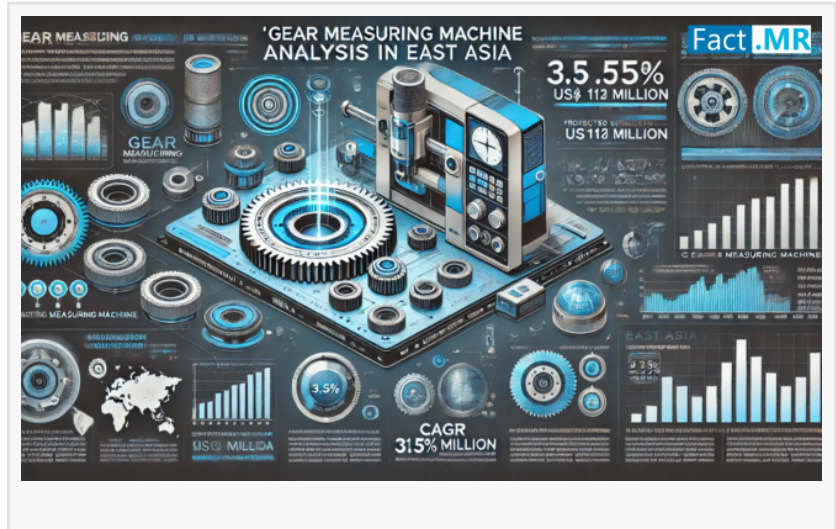


# Gear Measuring Machine Industry Analysis in East Asia is Projected to Reach US\$ 110.8 Million at a 3.5% CAGR by 2034

*Rising demand for precision engineering drives growth in East Asia's gear measuring machine industry, fueled by advancements in manufacturing and automation.*

ROCKVILLE, MD, UNITED STATES, March 5, 2025 /EINPresswire.com/ -- Fact.MR's latest report estimates [East Asia's gear measuring machine market](#) at US\$ 78.5 million in 2024, with a projected 3.5% CAGR, reaching US\$ 110.8 million by 2034.



Japan, China, and South Korea, key hubs for automotive manufacturing, are driving demand for high-precision gears in engines, transmissions, and other critical components. As the industry evolves, gear measuring machines are gaining traction for ensuring precision and quality.

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Why is Gear Measuring Machine Adoption Rising in East Asia?

**"Booming Automotive Industry Driving Demand for High-Precision Gears"**

The rapid expansion of East Asia's automotive sector is fueling demand for high-precision gears, driven by a strong network of OEMs and suppliers. Gear measuring machines play a crucial role in ensuring optimal performance, efficiency, and durability in critical components like drivetrains and engines.

The shift toward hybrid and electric vehicles (EVs) is further boosting the need for advanced gear solutions. Automakers are adopting gear measuring machines with high-resolution sensors, automated measurement systems, and advanced software to enhance product quality and

manufacturing efficiency.

### Country-wise Insights

China's expanding manufacturing sector, including electronics, machinery, and aerospace, is driving demand for gear measuring machines to ensure gear quality and accuracy across various processes.

With a growing focus on precision engineering and quality control, investments in advanced machinery and monitoring technologies are rising. Gear measuring machines play a crucial role in maintaining high product standards.

### Category-wise Insights

Industries such as marine, heavy machinery, wind energy, and power generation rely on large-diameter gears (over 1,200mm). The expansion of these sectors is driving the adoption of gear measuring machines for precise measurement.

According to Fact.MR, aviation components, especially in critical mechanisms and engines, require high accuracy and precision. Gear measuring machines play a vital role in ensuring precision and reliability, fueling demand for advanced measurement tools.

### Competitive Landscape

Leading gear measuring machine providers in East Asia are investing in supply chain management, product innovation, and quality control to strengthen their market position.

Key players include Gleason Corporation, Mahr Group, Zeiss Group, Osaka Seimitsu Kikai Co., Ltd., Mitutoyo Corporation, Klingelnberg Group, and Tokyo Technical Instruments.

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### Segmentation of Gear Measuring Machine Study in East Asia

By Max Working Diameter :

<300 mm

300 to 600 mm

601 to 900 mm

901 to 1,200 mm

Above 1,200 mm

By Permissible Test Gear Weight :

Below 50 Kg

50 to 100 Kg

101 to 250 Kg

251 to 500 Kg

501 to 750 Kg

751 to 1,000 Kg

Above 1,000 Kg

By Application :

Gear Manufacturing

Automotive Manufacturing

Construction & Mining Equipment Manufacturing

Aviation Industry

Agriculture & Forestry Equipment Manufacturing

Industrial Equipment Manufacturing

By Country :

China

Japan

South Korea

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[Metal Forging Market](#): Stands at US\$ 103.8 billion and is predicted to reach US\$ 208 billion by 2033. Worldwide demand for metal forging solutions is forecasted to rise at a CAGR of 7.2% from 2023 to 2033.

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With its unwavering dedication to providing reliable market intelligence, FACT.MR continues to assist companies in navigating dynamic market challenges with confidence and achieving long-term success. With a global presence and a team of experienced analysts, FACT.MR ensures its clients receive actionable insights to capitalize on emerging opportunities and stay competitive.

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