

# Global Optical Non-Contacting Video Extensometer Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Optical Non-Contacting Video Extensometer market size is expected to reach \$ 81 million by 2029, rising at a market growth of 3.9% CAGR during the forecast period (2023-2029).

Digital Image Correlation (DIC) has quickly become the preferred method for non-contact strain measurement in the material testing industry. A camera and computer system combined with pixel recognition software algorithms can accurately measure strain in a variety of applications including tensile testing. Strain is the measure of deformation that a material experiences while under stress (force) over time (t) and is represented in distance units, usually (mm). Video Extensometers are highly versatile and more flexible than clip-on extensometers, strain gauges, and deflectometers. Without the need to physically contact the sample, Video Extensometer can be used for tensile, compression, shear and flexural or bend testing.

This report studies the global Optical Non-Contacting Video Extensometer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Optical Non-Contacting Video Extensometer, 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 Optical Non-Contacting Video Extensometer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Optical Non-Contacting Video Extensometer total production and demand, 2018-2029, (K Units)

Global Optical Non-Contacting Video Extensometer total production value, 2018-2029, (USD Million)

Global Optical Non-Contacting Video Extensometer production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Optical Non-Contacting Video Extensometer consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Optical Non-Contacting Video Extensometer domestic production, consumption, key domestic manufacturers and share

Global Optical Non-Contacting Video Extensometer production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Optical Non-Contacting Video Extensometer production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Optical Non-Contacting Video Extensometer production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Optical Non-Contacting Video Extensometer 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 Instron, Zwick Roell, Ametek, Shimadzu, MTS, Imetrum, Epsilon Tech and BESMAK, 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 Optical Non-Contacting Video Extensometer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/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 Optical Non-Contacting Video Extensometer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Optical Non-Contacting Video Extensometer Market, Segmentation by Type

Digital Image Correlation (DIC) Systems

Laser-based Extensometers

Moir? Interferometry

Others

#### Global Optical Non-Contacting Video Extensometer Market, Segmentation by Application

Plastic Measurement

Metal Measurement

Composite Material Measurement

Others

#### Companies Profiled:

Instron

Zwick Roell

Ametek

Shimadzu

MTS

Imetrum

Epsilon Tech

BESMAK

#### Key Questions Answered

1. How big is the global Optical Non-Contacting Video Extensometer market?
2. What is the demand of the global Optical Non-Contacting Video Extensometer market?
3. What is the year over year growth of the global Optical Non-Contacting Video Extensometer market?
4. What is the production and production value of the global Optical Non-Contacting Video Extensometer market?

5. Who are the key producers in the global Optical Non-Contacting Video Extensometer market?

6. What are the growth factors driving the market demand?

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