

**Global Soil Testing Equipment Market By Type (Physical Test Equipment {Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment}, Residual Test Equipment {GC-MS Equipment v/s ICP-MS Equipment}, Chemical Test Equipment {pH Meters, Salinity Testing Equipment, Test Kits & Reagents}), By Site (Laboratory v/s On-Site), By Degree of Automation (Manual, Semi-Automatic, Automatic), By End User Industry (Agriculture, Construction, Others), By Region, Competition Forecast & opportunities, 2017-2027**

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**Report description:**

The global soil testing equipment market is expected to witness steady CAGR in the forecast period, 2023-2027. Factors such as the rapid adoption of precision and modern farming techniques and the high demand from the construction and agriculture industries are driving the global soil testing equipment market. The term "soil testing equipment" generally refers to the testing tools used to analyze the soil sample. The steps in the soil testing process include gathering soil samples, analyzing them physically and chemically, interpreting the results, and recommending them for use in agricultural techniques. The procedure aids in providing recommendations for a fertilizer that can fulfill the required absence of nutrients in the soil.

Market players are focusing on advanced technologies and equipment to improve the accuracy and functioning of soil testing equipment. Identification of corrosive soil and soil liquefaction possibilities during an earthquake are some of the advantages of the advanced technologies used in the soil testing process. Modern equipment and modern software are specifically designed to analyze the soil quality that can influence the market demand in the coming years.

The global soil testing equipment market is segmented into type, site, degree of automation, end user industry, regional

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distribution, and competitive landscape. Based on end user industry, the market is divided into Agriculture, Construction, and others. The construction industry is expected to account for a significant market share in the forecast period, 2023-2027. High-end investments by the leading authorities to support infrastructure development in developing countries like China and India are driving the segment demand. Advancements in technology coupled with growing awareness about the benefits of soil testing equipment are expected to contribute to the segmental growth.

The major market players operating in the global soil testing equipment market are Agilent Technologies, Inc., Thermo Fischer Scientific, Inc., PerkinElmer, Inc., Merck Group, Controls S.p.A, Geotechnical Testing Equipment UK Ltd, Sun Labtek Equipments (I) Pvt. Ltd., Martin Lishman Ltd, Gilson Company Inc., Humboldt Mfg. Co., EIE Instruments Pvt. Ltd., and Eurofins Scientific SE.

Years considered for this report:

Historical Years: 2017-2020

Base Year: 2021

Estimated Year: 2022E

Forecast Period: 2023F-2027F

Objective of the Study:

- To analyze the historical growth in the market size of the global soil testing equipment market from 2017 to 2021.
- To estimate and forecast the market size of global soil testing equipment market from 2022E to 2027F and growth rate until 2027F.
- To classify and forecast the global soil testing equipment market based on type, site, degree of automation, end user industry, region, and company.
- To identify the dominant region or segment in the global soil testing equipment market.
- To identify drivers and challenges for the global soil testing equipment market.
- To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in the global soil testing equipment market.
- To identify and analyze the profiles of leading players operating in the global soil testing equipment market.
- To identify key sustainable strategies adopted by market players in global soil testing equipment market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of manufacturers across the globe. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the manufacturers who could not be identified due to the limitations of secondary research. TechSci Research analyzed the manufacturers, distribution channels and presence of all major players across the globe. TechSci Research calculated the market size of the Global soil testing equipment market using a top-down approach, wherein data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these products and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

- Market research and consulting firms
- Government bodies such as regulating authorities and policy makers
- Organizations, forums, and alliances

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as product manufacturers, suppliers and partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

Report Scope:

In this report, global soil testing equipment market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

- Soil Testing Equipment Market, By Type:
  - o□ Physical Test Equipment

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- Shear Strength Equipment
- Leachability Equipment
- Plasticity Equipment
- Permeability Equipment
- o□ Residual Test Equipment
- GC-MS Equipment
- ICP-MS Equipment
- o□ Chemical Test Equipment
- pH Meters
- Salinity Testing Equipment
- Test Kits & Reagents
- Soil Testing Equipment Market, By Site:
  - o□ Laboratory
  - o□ On-Site
- Soil Testing Equipment Market, By Degree of Automation:
  - o□ Manual
  - o□ Semi-Automatic
  - o□ Automatic
- Soil Testing Equipment Market, By End User Industry:
  - o□ Agriculture
  - o□ Construction
  - o□ Others
- Soil Testing Equipment Market, By Region:
  - o□ North America
    - United States
    - Mexico
    - Canada
  - o□ Europe
    - France
    - Germany
    - United Kingdom
    - Italy
    - Spain
  - o□ Asia-Pacific
    - China
    - India
    - Japan
    - South Korea
    - Australia
  - o□ Middle East & Africa
    - South Africa
    - Saudi Arabia
    - UAE
    - Kuwait
  - o□ South America
    - Brazil
    - Argentina

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-□Colombia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global soil testing equipment market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□Detailed analysis and profiling of additional market players (up to five).

## **Table of Contents:**

- 1.□Product Overview
- 2.□Research Methodology
- 3.□Executive Summary
- 4.□Voice of Customer
- 5.□Impact of COVID-19 on Global Soil Testing Equipment Market
- 6.□Global Soil Testing Equipment Market Outlook
  - 6.1.□Market Size & Forecast
    - 6.1.1.□By Value
    - 6.2.□Market Share & Forecast
      - 6.2.1.□By Type (Physical, Residual, Chemical)
        - 6.2.1.1.□By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
        - 6.2.1.2.□By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
        - 6.2.1.3.□By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
      - 6.2.2.□By Site (Laboratory v/s On-Site)
        - 6.2.3.□By Degree of Automation (Manual, Semi-Automatic, Automatic)
        - 6.2.4.□By End User Industry (Agriculture, Construction, Others)
        - 6.2.5.□By Region
        - 6.2.6.□By Company (2021)
    - 6.3.□Product Market Map
  - 7.□North America Soil Testing Equipment Market Outlook
    - 7.1.□Market Size & Forecast
      - 7.1.1.□By Value
    - 7.2.□Market Share & Forecast
      - 7.2.1.□By Type (Physical, Residual, Chemical)
        - 7.2.1.1.□By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
          - 7.2.1.2.□By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
          - 7.2.1.3.□By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
        - 7.2.2.□By Site (Laboratory v/s On-Site)
          - 7.2.3.□By Degree of Automation (Manual, Semi-Automatic, Automatic)
          - 7.2.4.□By End User Industry (Agriculture, Construction, Others)
          - 7.2.5.□By Country
      - 7.3.□North America: Country Analysis
        - 7.3.1.□United States Soil Testing Equipment Market Outlook
          - 7.3.1.1.□Market Size & Forecast
            - 7.3.1.1.1.□By Value

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- 7.3.1.2.□Market Share & Forecast
  - 7.3.1.2.1.□By Type
  - 7.3.1.2.2.□By Site
  - 7.3.1.2.3.□By Degree of Automation
  - 7.3.1.2.4.□By End User Industry
- 7.3.2.□Mexico Soil Testing Equipment Market Outlook
  - 7.3.2.1.□Market Size & Forecast
    - 7.3.2.1.1.□By Value
  - 7.3.2.2.□Market Share & Forecast
    - 7.3.2.2.1.□By Type
    - 7.3.2.2.2.□By Site
    - 7.3.2.2.3.□By Degree of Automation
    - 7.3.2.2.4.□By End User Industry
- 7.3.3.□Canada Soil Testing Equipment Market Outlook
  - 7.3.3.1.□Market Size & Forecast
    - 7.3.3.1.1.□By Value
  - 7.3.3.2.□Market Share & Forecast
    - 7.3.3.2.1.□By Type
    - 7.3.3.2.2.□By Site
    - 7.3.3.2.3.□By Degree of Automation
    - 7.3.3.2.4.□By End User Industry
- 8.□Europe Soil Testing Equipment Market Outlook
  - 8.1.□Market Size & Forecast□
    - 8.1.1.□By Value
  - 8.2.□Market Share & Forecast
    - 8.2.1.□By Type (Physical, Residual, Chemical)
      - 8.2.1.1.□By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
      - 8.2.1.2.□By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
      - 8.2.1.3.□By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
    - 8.2.2.□By Site (Laboratory v/s On-Site)
    - 8.2.3.□By Degree of Automation (Manual, Semi-Automatic, Automatic)
    - 8.2.4.□By End User Industry (Agriculture, Construction, Others)
    - 8.2.5.□By Country
  - 8.3.□Europe: Country Analysis
    - 8.3.1.□France Soil Testing Equipment Market Outlook
      - 8.3.1.1.□Market Size & Forecast
        - 8.3.1.1.1.□By Value
      - 8.3.1.2.□Market Share & Forecast
        - 8.3.1.2.1.□By Type
        - 8.3.1.2.2.□By Site
        - 8.3.1.2.3.□By Degree of Automation
        - 8.3.1.2.4.□By End User Industry
    - 8.3.2.□United Kingdom Soil Testing Equipment Market Outlook
      - 8.3.2.1.□Market Size & Forecast
        - 8.3.2.1.1.□By Value
      - 8.3.2.2.□Market Share & Forecast

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- 8.3.2.2.1. By Type
- 8.3.2.2.2. By Site
- 8.3.2.2.3. By Degree of Automation
- 8.3.2.2.4. By End User Industry
- 8.3.3. Italy Soil Testing Equipment Market Outlook
- 8.3.3.1. Market Size & Forecast
- 8.3.3.1.1. By Value
- 8.3.3.2. Market Share & Forecast
- 8.3.3.2.1. By Type
- 8.3.3.2.2. By Site
- 8.3.3.2.3. By Degree of Automation
- 8.3.3.2.4. By End User Industry
- 8.3.4. Germany Soil Testing Equipment Market Outlook
- 8.3.4.1. Market Size & Forecast
- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
- 8.3.4.2.1. By Type
- 8.3.4.2.2. By Site
- 8.3.4.2.3. By Degree of Automation
- 8.3.4.2.4. By End User Industry
- 8.3.5. Spain Soil Testing Equipment Market Outlook
- 8.3.5.1. Market Size & Forecast
- 8.3.5.1.1. By Value
- 8.3.5.2. Market Share & Forecast
- 8.3.5.2.1. By Type
- 8.3.5.2.2. By Site
- 8.3.5.2.3. By Degree of Automation
- 8.3.5.2.4. By End User Industry
- 9. Asia-Pacific Soil Testing Equipment Market Outlook
- 9.1. Market Size & Forecast
- 9.1.1. By Value
- 9.2. Market Share & Forecast
- 9.2.1. By Type (Physical, Residual, Chemical)
- 9.2.1.1. By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
- 9.2.1.2. By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
- 9.2.1.3. By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
- 9.2.2. By Site (Laboratory v/s On-Site)
- 9.2.3. By Degree of Automation (Manual, Semi-Automatic, Automatic)
- 9.2.4. By End User Industry (Agriculture, Construction, Others)
- 9.2.5. By Country
- 9.3. Asia-Pacific: Country Analysis
- 9.3.1. China Soil Testing Equipment Market Outlook
- 9.3.1.1. Market Size & Forecast
- 9.3.1.1.1. By Value
- 9.3.1.2. Market Share & Forecast
- 9.3.1.2.1. By Type

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- 9.3.1.2.2.□By Site
- 9.3.1.2.3.□By Degree of Automation
- 9.3.1.2.4.□By End User Industry
- 9.3.2.□India Soil Testing Equipment Market Outlook
- 9.3.2.1.□Market Size & Forecast
- 9.3.2.1.1.□By Value
- 9.3.2.2.□Market Share & Forecast
- 9.3.2.2.1.□By Type
- 9.3.2.2.2.□By Site
- 9.3.2.2.3.□By Degree of Automation
- 9.3.2.2.4.□By End User Industry
- 9.3.3.□Japan Soil Testing Equipment Market Outlook
- 9.3.3.1.□Market Size & Forecast
- 9.3.3.1.1.□By Value
- 9.3.3.2.□Market Share & Forecast
- 9.3.3.2.1.□By Type
- 9.3.3.2.2.□By Site
- 9.3.3.2.3.□By Degree of Automation
- 9.3.3.2.4.□By End User Industry
- 9.3.4.□South Korea Soil Testing Equipment Market Outlook
- 9.3.4.1.□Market Size & Forecast
- 9.3.4.1.1.□By Value
- 9.3.4.2.□Market Share & Forecast
- 9.3.4.2.1.□By Type
- 9.3.4.2.2.□By Site
- 9.3.4.2.3.□By Degree of Automation
- 9.3.4.2.4.□By End User Industry
- 9.3.5.□Australia Soil Testing Equipment Market Outlook
- 9.3.5.1.□Market Size & Forecast
- 9.3.5.1.1.□By Value
- 9.3.5.2.□Market Share & Forecast
- 9.3.5.2.1.□By Type
- 9.3.5.2.2.□By Site
- 9.3.5.2.3.□By Degree of Automation
- 9.3.5.2.4.□By End User Industry
- 10.□South America Soil Testing Equipment Market Outlook
- 10.1.□Market Size & Forecast□
- 10.1.1.□By Value
- 10.2.□Market Share & Forecast
- 10.2.1.□By Type (Physical, Residual, Chemical)
- 10.2.1.1.□By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
- 10.2.1.2.□By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
- 10.2.1.3.□By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
- 10.2.2.□By Site (Laboratory v/s On-Site)
- 10.2.3.□By Degree of Automation (Manual, Semi-Automatic, Automatic)
- 10.2.4.□By End User Industry (Agriculture, Construction, Others)

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- 10.2.5. By Country
- 10.3. South America: Country Analysis
  - 10.3.1. Brazil Soil Testing Equipment Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Type
      - 10.3.1.2.2. By Site
      - 10.3.1.2.3. By Degree of Automation
      - 10.3.1.2.4. By End User Industry
  - 10.3.2. Argentina Soil Testing Equipment Market Outlook
    - 10.3.2.1. Market Size & Forecast
      - 10.3.2.1.1. By Value
    - 10.3.2.2. Market Share & Forecast
      - 10.3.2.2.1. By Type
      - 10.3.2.2.2. By Site
      - 10.3.2.2.3. By Degree of Automation
      - 10.3.2.2.4. By End User Industry
  - 10.3.3. Colombia Soil Testing Equipment Market Outlook
    - 10.3.3.1. Market Size & Forecast
      - 10.3.3.1.1. By Value
    - 10.3.3.2. Market Share & Forecast
      - 10.3.3.2.1. By Type
      - 10.3.3.2.2. By Site
      - 10.3.3.2.3. By Degree of Automation
      - 10.3.3.2.4. By End User Industry
- 11. Middle East and Africa Soil Testing Equipment Market Outlook
  - 11.1. Market Size & Forecast
    - 11.1.1. By Value
  - 11.2. Market Share & Forecast
    - 11.2.1. By Type (Physical, Residual, Chemical)
      - 11.2.1.1. By Physical Test Equipment (Shear Strength Equipment, Leachability Equipment, Plasticity Equipment, Permeability Equipment)
      - 11.2.1.2. By Residual Test Equipment (GC-MS Equipment v/s ICP-MS Equipment)
      - 11.2.1.3. By Chemical Test Equipment (pH Meters, Salinity Testing Equipment, Test Kits & Reagents)
    - 11.2.2. By Site (Laboratory v/s On-Site)
    - 11.2.3. By Degree of Automation (Manual, Semi-Automatic, Automatic)
    - 11.2.4. By End User Industry (Agriculture, Construction, Others)
    - 11.2.5. By Country
  - 11.3. MEA: Country Analysis
    - 11.3.1. South Africa Soil Testing Equipment Market Outlook
      - 11.3.1.1. Market Size & Forecast
        - 11.3.1.1.1. By Value
      - 11.3.1.2. Market Share & Forecast
        - 11.3.1.2.1. By Type
        - 11.3.1.2.2. By Site
        - 11.3.1.2.3. By Degree of Automation

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- 11.3.1.2.4.□By End User Industry
- 11.3.2.□UAE Soil Testing Equipment Market Outlook
- 11.3.2.1.□Market Size & Forecast
- 11.3.2.1.1.□By Value
- 11.3.2.2.□Market Share & Forecast
- 11.3.2.2.1.□By Type
- 11.3.2.2.2.□By Site
- 11.3.2.2.3.□By Degree of Automation
- 11.3.2.2.4.□By End User Industry
- 11.3.3.□Saudi Arabia Soil Testing Equipment Market Outlook
- 11.3.3.1.□Market Size & Forecast
- 11.3.3.1.1.□By Value
- 11.3.3.2.□Market Share & Forecast
- 11.3.3.2.1.□By Type
- 11.3.3.2.2.□By Site
- 11.3.3.2.3.□By Degree of Automation
- 11.3.3.2.4.□By End User Industry
- 11.3.4.□Kuwait Soil Testing Equipment Market Outlook
- 11.3.4.1.□Market Size & Forecast
- 11.3.4.1.1.□By Value
- 11.3.4.2.□Market Share & Forecast
- 11.3.4.2.1.□By Type
- 11.3.4.2.2.□By Site
- 11.3.4.2.3.□By Degree of Automation
- 11.3.4.2.4.□By End User Industry
- 12.□Market Dynamics
- 12.1.□Drivers
- 12.2.□Challenges
- 13.□Market Trends & Developments
- 14.□Competitive Landscape
- 14.1.□Competition Outlook
- 14.2.□Company Profiles
- 14.2.1.□Agilent Technologies, Inc.
- 14.2.2.□Thermo Fischer Scientific, Inc.
- 14.2.3.□PerkinElmer, Inc.
- 14.2.4.□Merck Group
- 14.2.5.□Controls S.p.A
- 14.2.6.□Geotechnical Testing Equipment UK Ltd
- 14.2.7.□Sun Labtek Equipments (I) Pvt. Ltd
- 14.2.8.□Martin Lishman Ltd
- 14.2.9.□Gilson Company Inc.
- 14.2.10.□Humboldt Mfg. Co.
- 14.2.11.□EIE Instruments Pvt. Ltd
- 14.2.12.□Eurofins Scientific SE
- 15.□Strategic Recommendations

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