

Global Portable Plant Phenotyping Instrument Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Portable Plant Phenotyping Instrument market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A portable plant phenotyping instrument is a device used to measure and analyze the external characteristics (phenotype) of plants. It can quickly and accurately collect data on the growth status, structure, morphology, etc. of plants, and is used in agricultural research, crop improvement, and plant growth monitoring.

This report is a detailed and comprehensive analysis for global Portable Plant Phenotyping Instrument market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Portable Plant Phenotyping Instrument market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices

(US\$/Unit), 2020-2031

Global Portable Plant Phenotyping Instrument market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Portable Plant Phenotyping Instrument market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Portable Plant Phenotyping Instrument market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Portable Plant Phenotyping Instrument
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Portable Plant Phenotyping Instrument market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Phenospex, LemnaTec, Plant Ditech, WIWAM, Photo System Instrument, Leica, Ireal 3DScan, HEXAGON, Beijing Pri-Eco, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Portable Plant Phenotyping Instrument market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

3D Measuring Instrument

2D Measuring Instrument

Market segment by Application

Crop Analysis

Fruit Analysis

Soil Analysis

Other

Major players covered

Phenospex

LemnaTec

Plant Ditech

WIWAM

Photo System Instrument

Leica

Ireal 3DScan

HEXAGON

Beijing Pri-Eco

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Portable Plant Phenotyping Instrument product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Portable Plant Phenotyping Instrument, with price, sales quantity, revenue, and global market share of Portable Plant Phenotyping Instrument from 2020 to 2025.

Chapter 3, the Portable Plant Phenotyping Instrument competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Portable Plant Phenotyping Instrument breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Portable Plant Phenotyping Instrument market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Portable Plant Phenotyping Instrument.

Chapter 14 and 15, to describe Portable Plant Phenotyping Instrument sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Portable Plant Phenotyping Instrument Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 3D Measuring Instrument

1.3.3 2D Measuring Instrument

1.4 Market Analysis by Application

1.4.1 Overview: Global Portable Plant Phenotyping Instrument Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Crop Analysis

1.4.3 Fruit Analysis

1.4.4 Soil Analysis

1.4.5 Other

1.5 Global Portable Plant Phenotyping Instrument Market Size & Forecast

1.5.1 Global Portable Plant Phenotyping Instrument Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Portable Plant Phenotyping Instrument Sales Quantity (2020-2031)

1.5.3 Global Portable Plant Phenotyping Instrument Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Phenospex

2.1.1 Phenospex Details

2.1.2 Phenospex Major Business

2.1.3 Phenospex Portable Plant Phenotyping Instrument Product and Services

2.1.4 Phenospex Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Phenospex Recent Developments/Updates

2.2 LemnaTec

2.2.1 LemnaTec Details

2.2.2 LemnaTec Major Business

2.2.3 LemnaTec Portable Plant Phenotyping Instrument Product and Services

2.2.4 LemnaTec Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 LemnaTec Recent Developments/Updates
- 2.3 Plant Ditech
 - 2.3.1 Plant Ditech Details
 - 2.3.2 Plant Ditech Major Business
 - 2.3.3 Plant Ditech Portable Plant Phenotyping Instrument Product and Services
 - 2.3.4 Plant Ditech Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Plant Ditech Recent Developments/Updates
- 2.4 WIWAM
 - 2.4.1 WIWAM Details
 - 2.4.2 WIWAM Major Business
 - 2.4.3 WIWAM Portable Plant Phenotyping Instrument Product and Services
 - 2.4.4 WIWAM Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 WIWAM Recent Developments/Updates
- 2.5 Photo System Instrument
 - 2.5.1 Photo System Instrument Details
 - 2.5.2 Photo System Instrument Major Business
 - 2.5.3 Photo System Instrument Portable Plant Phenotyping Instrument Product and Services
 - 2.5.4 Photo System Instrument Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Photo System Instrument Recent Developments/Updates
- 2.6 Leica
 - 2.6.1 Leica Details
 - 2.6.2 Leica Major Business
 - 2.6.3 Leica Portable Plant Phenotyping Instrument Product and Services
 - 2.6.4 Leica Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Leica Recent Developments/Updates
- 2.7 Ireal 3DScan
 - 2.7.1 Ireal 3DScan Details
 - 2.7.2 Ireal 3DScan Major Business
 - 2.7.3 Ireal 3DScan Portable Plant Phenotyping Instrument Product and Services
 - 2.7.4 Ireal 3DScan Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Ireal 3DScan Recent Developments/Updates
- 2.8 HEXAGON
 - 2.8.1 HEXAGON Details

- 2.8.2 HEXAGON Major Business
- 2.8.3 HEXAGON Portable Plant Phenotyping Instrument Product and Services
- 2.8.4 HEXAGON Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 HEXAGON Recent Developments/Updates
- 2.9 Beijing Pri-Eco
 - 2.9.1 Beijing Pri-Eco Details
 - 2.9.2 Beijing Pri-Eco Major Business
 - 2.9.3 Beijing Pri-Eco Portable Plant Phenotyping Instrument Product and Services
 - 2.9.4 Beijing Pri-Eco Portable Plant Phenotyping Instrument Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Beijing Pri-Eco Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PORTABLE PLANT PHENOTYPING INSTRUMENT BY MANUFACTURER

- 3.1 Global Portable Plant Phenotyping Instrument Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Portable Plant Phenotyping Instrument Revenue by Manufacturer (2020-2025)
- 3.3 Global Portable Plant Phenotyping Instrument Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Portable Plant Phenotyping Instrument by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Portable Plant Phenotyping Instrument Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Portable Plant Phenotyping Instrument Manufacturer Market Share in 2024
- 3.5 Portable Plant Phenotyping Instrument Market: Overall Company Footprint Analysis
 - 3.5.1 Portable Plant Phenotyping Instrument Market: Region Footprint
 - 3.5.2 Portable Plant Phenotyping Instrument Market: Company Product Type Footprint
 - 3.5.3 Portable Plant Phenotyping Instrument Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Portable Plant Phenotyping Instrument Market Size by Region

4.1.1 Global Portable Plant Phenotyping Instrument Sales Quantity by Region
(2020-2031)

4.1.2 Global Portable Plant Phenotyping Instrument Consumption Value by Region
(2020-2031)

4.1.3 Global Portable Plant Phenotyping Instrument Average Price by Region
(2020-2031)

4.2 North America Portable Plant Phenotyping Instrument Consumption Value
(2020-2031)

4.3 Europe Portable Plant Phenotyping Instrument Consumption Value (2020-2031)

4.4 Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value
(2020-2031)

4.5 South America Portable Plant Phenotyping Instrument Consumption Value
(2020-2031)

4.6 Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value
(2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2031)

5.2 Global Portable Plant Phenotyping Instrument Consumption Value by Type
(2020-2031)

5.3 Global Portable Plant Phenotyping Instrument Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Portable Plant Phenotyping Instrument Sales Quantity by Application
(2020-2031)

6.2 Global Portable Plant Phenotyping Instrument Consumption Value by Application
(2020-2031)

6.3 Global Portable Plant Phenotyping Instrument Average Price by Application
(2020-2031)

7 NORTH AMERICA

7.1 North America Portable Plant Phenotyping Instrument Sales Quantity by Type
(2020-2031)

7.2 North America Portable Plant Phenotyping Instrument Sales Quantity by Application
(2020-2031)

7.3 North America Portable Plant Phenotyping Instrument Market Size by Country

7.3.1 North America Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2031)

7.3.2 North America Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2031)

8.2 Europe Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2031)

8.3 Europe Portable Plant Phenotyping Instrument Market Size by Country

8.3.1 Europe Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2031)

8.3.2 Europe Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Portable Plant Phenotyping Instrument Market Size by Region

9.3.1 Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2031)

10.2 South America Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2031)

10.3 South America Portable Plant Phenotyping Instrument Market Size by Country

10.3.1 South America Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2031)

10.3.2 South America Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Portable Plant Phenotyping Instrument Market Size by Country

11.3.1 Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Portable Plant Phenotyping Instrument Market Drivers

12.2 Portable Plant Phenotyping Instrument Market Restraints

12.3 Portable Plant Phenotyping Instrument Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Portable Plant Phenotyping Instrument and Key Manufacturers

13.2 Manufacturing Costs Percentage of Portable Plant Phenotyping Instrument

13.3 Portable Plant Phenotyping Instrument Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Portable Plant Phenotyping Instrument Typical Distributors

14.3 Portable Plant Phenotyping Instrument Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Portable Plant Phenotyping Instrument Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Portable Plant Phenotyping Instrument Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Phenospex Basic Information, Manufacturing Base and Competitors

Table 4. Phenospex Major Business

Table 5. Phenospex Portable Plant Phenotyping Instrument Product and Services

Table 6. Phenospex Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Phenospex Recent Developments/Updates

Table 8. LemnaTec Basic Information, Manufacturing Base and Competitors

Table 9. LemnaTec Major Business

Table 10. LemnaTec Portable Plant Phenotyping Instrument Product and Services

Table 11. LemnaTec Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. LemnaTec Recent Developments/Updates

Table 13. Plant Ditech Basic Information, Manufacturing Base and Competitors

Table 14. Plant Ditech Major Business

Table 15. Plant Ditech Portable Plant Phenotyping Instrument Product and Services

Table 16. Plant Ditech Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Plant Ditech Recent Developments/Updates

Table 18. WIWAM Basic Information, Manufacturing Base and Competitors

Table 19. WIWAM Major Business

Table 20. WIWAM Portable Plant Phenotyping Instrument Product and Services

Table 21. WIWAM Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. WIWAM Recent Developments/Updates

Table 23. Photo System Instrument Basic Information, Manufacturing Base and Competitors

Table 24. Photo System Instrument Major Business

Table 25. Photo System Instrument Portable Plant Phenotyping Instrument Product and Services

Table 26. Photo System Instrument Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Photo System Instrument Recent Developments/Updates

Table 28. Leica Basic Information, Manufacturing Base and Competitors

Table 29. Leica Major Business

Table 30. Leica Portable Plant Phenotyping Instrument Product and Services

Table 31. Leica Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Leica Recent Developments/Updates

Table 33. Ireal 3DScan Basic Information, Manufacturing Base and Competitors

Table 34. Ireal 3DScan Major Business

Table 35. Ireal 3DScan Portable Plant Phenotyping Instrument Product and Services

Table 36. Ireal 3DScan Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Ireal 3DScan Recent Developments/Updates

Table 38. HEXAGON Basic Information, Manufacturing Base and Competitors

Table 39. HEXAGON Major Business

Table 40. HEXAGON Portable Plant Phenotyping Instrument Product and Services

Table 41. HEXAGON Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. HEXAGON Recent Developments/Updates

Table 43. Beijing Pri-Eco Basic Information, Manufacturing Base and Competitors

Table 44. Beijing Pri-Eco Major Business

Table 45. Beijing Pri-Eco Portable Plant Phenotyping Instrument Product and Services

Table 46. Beijing Pri-Eco Portable Plant Phenotyping Instrument Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Beijing Pri-Eco Recent Developments/Updates

Table 48. Global Portable Plant Phenotyping Instrument Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 49. Global Portable Plant Phenotyping Instrument Revenue by Manufacturer (2020-2025) & (USD Million)

Table 50. Global Portable Plant Phenotyping Instrument Average Price by Manufacturer

(2020-2025) & (US\$/Unit)

Table 51. Market Position of Manufacturers in Portable Plant Phenotyping Instrument, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 52. Head Office and Portable Plant Phenotyping Instrument Production Site of Key Manufacturer

Table 53. Portable Plant Phenotyping Instrument Market: Company Product Type Footprint

Table 54. Portable Plant Phenotyping Instrument Market: Company Product Application Footprint

Table 55. Portable Plant Phenotyping Instrument New Market Entrants and Barriers to Market Entry

Table 56. Portable Plant Phenotyping Instrument Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Portable Plant Phenotyping Instrument Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 58. Global Portable Plant Phenotyping Instrument Sales Quantity by Region (2020-2025) & (K Units)

Table 59. Global Portable Plant Phenotyping Instrument Sales Quantity by Region (2026-2031) & (K Units)

Table 60. Global Portable Plant Phenotyping Instrument Consumption Value by Region (2020-2025) & (USD Million)

Table 61. Global Portable Plant Phenotyping Instrument Consumption Value by Region (2026-2031) & (USD Million)

Table 62. Global Portable Plant Phenotyping Instrument Average Price by Region (2020-2025) & (US\$/Unit)

Table 63. Global Portable Plant Phenotyping Instrument Average Price by Region (2026-2031) & (US\$/Unit)

Table 64. Global Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 65. Global Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 66. Global Portable Plant Phenotyping Instrument Consumption Value by Type (2020-2025) & (USD Million)

Table 67. Global Portable Plant Phenotyping Instrument Consumption Value by Type (2026-2031) & (USD Million)

Table 68. Global Portable Plant Phenotyping Instrument Average Price by Type (2020-2025) & (US\$/Unit)

Table 69. Global Portable Plant Phenotyping Instrument Average Price by Type (2026-2031) & (US\$/Unit)

Table 70. Global Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 71. Global Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 72. Global Portable Plant Phenotyping Instrument Consumption Value by Application (2020-2025) & (USD Million)

Table 73. Global Portable Plant Phenotyping Instrument Consumption Value by Application (2026-2031) & (USD Million)

Table 74. Global Portable Plant Phenotyping Instrument Average Price by Application (2020-2025) & (US\$/Unit)

Table 75. Global Portable Plant Phenotyping Instrument Average Price by Application (2026-2031) & (US\$/Unit)

Table 76. North America Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 77. North America Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 78. North America Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 79. North America Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 80. North America Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2025) & (K Units)

Table 81. North America Portable Plant Phenotyping Instrument Sales Quantity by Country (2026-2031) & (K Units)

Table 82. North America Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2025) & (USD Million)

Table 83. North America Portable Plant Phenotyping Instrument Consumption Value by Country (2026-2031) & (USD Million)

Table 84. Europe Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 85. Europe Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 86. Europe Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 87. Europe Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 88. Europe Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2025) & (K Units)

Table 89. Europe Portable Plant Phenotyping Instrument Sales Quantity by Country

(2026-2031) & (K Units)

Table 90. Europe Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2025) & (USD Million)

Table 91. Europe Portable Plant Phenotyping Instrument Consumption Value by Country (2026-2031) & (USD Million)

Table 92. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 93. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 94. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 95. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 96. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Region (2020-2025) & (K Units)

Table 97. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity by Region (2026-2031) & (K Units)

Table 98. Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value by Region (2020-2025) & (USD Million)

Table 99. Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value by Region (2026-2031) & (USD Million)

Table 100. South America Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 101. South America Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 102. South America Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 103. South America Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 104. South America Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2025) & (K Units)

Table 105. South America Portable Plant Phenotyping Instrument Sales Quantity by Country (2026-2031) & (K Units)

Table 106. South America Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2025) & (USD Million)

Table 107. South America Portable Plant Phenotyping Instrument Consumption Value by Country (2026-2031) & (USD Million)

Table 108. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Type (2020-2025) & (K Units)

Table 109. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Type (2026-2031) & (K Units)

Table 110. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Application (2020-2025) & (K Units)

Table 111. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Application (2026-2031) & (K Units)

Table 112. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Country (2020-2025) & (K Units)

Table 113. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity by Country (2026-2031) & (K Units)

Table 114. Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value by Country (2020-2025) & (USD Million)

Table 115. Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value by Country (2026-2031) & (USD Million)

Table 116. Portable Plant Phenotyping Instrument Raw Material

Table 117. Key Manufacturers of Portable Plant Phenotyping Instrument Raw Materials

Table 118. Portable Plant Phenotyping Instrument Typical Distributors

Table 119. Portable Plant Phenotyping Instrument Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Portable Plant Phenotyping Instrument Picture
- Figure 2. Global Portable Plant Phenotyping Instrument Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Portable Plant Phenotyping Instrument Revenue Market Share by Type in 2024
- Figure 4. 3D Measuring Instrument Examples
- Figure 5. 2D Measuring Instrument Examples
- Figure 6. Global Portable Plant Phenotyping Instrument Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global Portable Plant Phenotyping Instrument Revenue Market Share by Application in 2024
- Figure 8. Crop Analysis Examples
- Figure 9. Fruit Analysis Examples
- Figure 10. Soil Analysis Examples
- Figure 11. Other Examples
- Figure 12. Global Portable Plant Phenotyping Instrument Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Portable Plant Phenotyping Instrument Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Portable Plant Phenotyping Instrument Sales Quantity (2020-2031) & (K Units)
- Figure 15. Global Portable Plant Phenotyping Instrument Price (2020-2031) & (US\$/Unit)
- Figure 16. Global Portable Plant Phenotyping Instrument Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Portable Plant Phenotyping Instrument Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Portable Plant Phenotyping Instrument by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Portable Plant Phenotyping Instrument Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Portable Plant Phenotyping Instrument Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Portable Plant Phenotyping Instrument Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global Portable Plant Phenotyping Instrument Consumption Value Market Share by Region (2020-2031)

Figure 23. North America Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 24. Europe Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Portable Plant Phenotyping Instrument Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Portable Plant Phenotyping Instrument Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Portable Plant Phenotyping Instrument Average Price by Type (2020-2031) & (US\$/Unit)

Figure 31. Global Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Portable Plant Phenotyping Instrument Revenue Market Share by Application (2020-2031)

Figure 33. Global Portable Plant Phenotyping Instrument Average Price by Application (2020-2031) & (US\$/Unit)

Figure 34. North America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Portable Plant Phenotyping Instrument Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Portable Plant Phenotyping Instrument Sales Quantity Market Share

by Type (2020-2031)

Figure 42. Europe Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Portable Plant Phenotyping Instrument Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Portable Plant Phenotyping Instrument Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 46. France Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Portable Plant Phenotyping Instrument Sales Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Portable Plant Phenotyping Instrument Consumption Value Market Share by Region (2020-2031)

Figure 54. China Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 57. India Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America Portable Plant Phenotyping Instrument Sales Quantity Market Share by Country (2020-2031)

Figure 63. South America Portable Plant Phenotyping Instrument Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Portable Plant Phenotyping Instrument Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Portable Plant Phenotyping Instrument Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Portable Plant Phenotyping Instrument Consumption Value (2020-2031) & (USD Million)

Figure 74. Portable Plant Phenotyping Instrument Market Drivers

Figure 75. Portable Plant Phenotyping Instrument Market Restraints

Figure 76. Portable Plant Phenotyping Instrument Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Portable Plant Phenotyping Instrument in 2024

Figure 79. Manufacturing Process Analysis of Portable Plant Phenotyping Instrument

Figure 80. Portable Plant Phenotyping Instrument Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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