

General Purpose Electronic Test and Measurement Instruments: Market Research Report

<https://marketpublishers.com/r/GC1CCE53040EN.html>

Date: January 2019

Pages: 707

Price: US\$ 5,800.00 (Single User License)

ID: GC1CCE53040EN

Abstracts

This report analyzes the worldwide markets for General Purpose Electronic Test and Measurement Instruments in US\$ Thousand and Units by the following Product Segments: Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, & Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, & PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension-Based, and Others. The report further analyzes by the following End-Use Industries: Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Others.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 166 companies including many key and niche players such as

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Advantest Corporation

Anritsu Corporation

AstroNova, Inc.

B&K Precision Corporation

Fortive Corporation

GaGe Applied Technologies, Inc.

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B&K Precision Corporation (USA)

Fortive Corporation (USA)

Fluke Corporation (USA)

Tektronix, Inc. (USA)

GaGe Applied Technologies, Inc. (USA)

Good Will Instrument Co., Ltd. (Taiwan)

Hioki E. E. Corporation (Japan)
Ideal Industries, Inc. (USA)
Keysight Technologies, Inc. (USA)
National Instruments Corporation (USA)
Pico Technology (UK)
Rohde & Schwarz GmbH & Co. KG (Germany)
Spanawave Corporation (USA)
Stanford Research Systems, Inc. (USA)
Teledyne LeCroy, Inc. (USA)
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Viavi Launches T-BERD/MTS 5882 Handheld Network Tester
Teledyne Launches PCI Express Gen 5-Ready Protocol Analyzer
Boonton Launches 4500C, Peak Power Analyzer
Hioki Introduces HiTester BT3564
Advantest Rolls Out T5503HS2 High-Speed Tester
B&K Precision Launches Digital Oscilloscope 2560 Series with DSO and MSO Models
Yokogawa Launches AQ6360 Optical Spectrum Analyzer
Anritsu to Introduce MT8000A Platform to Develop 5G Communication Systems
Rohde & Schwarz Rolls Out WLAN Signaling Tester for IEEE 802.11ax
Rohde & Schwarz Unveils R&S RTC 1000 Oscilloscope
Pico Technology Launches FlexRes Oscilloscopes
B&K Precision Introduces 2540 Series of Mixed Signal Oscilloscopes
Advantest Launches Two New modules for T2000 Product Line

Teledyne Launches Eclipse M42 Protocol Analyzer/Exerciser
Rohde & Schwarz Launches ZN-Z32/33 Vector Network Analyzer
Rohde & Schwarz Launches ZNL Network Analyzer and FPL1000 Spectrum Analyzer
W2BI Launches MLT1600 Cloud-enabled Micro Line Testers
Cobham Launches series of Frequency Synthesizers
GW Introduces GBM-3000 Series Battery Tester
Hioki Releases Three Measuring Instruments
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Anritsu Launches MS2850A High-Performance Signal Analyzer
NI Introduces PXI Arbitrary Waveform Generators
Tektronix Launches TTR 500 Series USB Vector Network Analyzer
Keysight Launches MIPI D-PHY and C-PHY Test Solution
Anritsu Launches AMT8862A to Test IEEE802.1 1ac WLAN Devices
Rohde & Schwarz Launches R&S RTB 2000 Oscilloscope
Hioki Introduces Power Analyzer Pw3390
Keysight Launches InfiniiVision 1000 X-Series Oscilloscopes
Advantest Introduces HF-AWGD to Extend EVA100 Measurement Platform
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Yokogawa Introduces AQ6374 Optical Spectrum Analyzer
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Viavi Acquires Avcomm and Wireless Test and Measurement Business of Cobham
Samsung Chooses MS2850A Signal Analyzer to Develop 5G Systems
Anritsu Expands Universal Wireless Test Set MT8870A Software
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Anritsu and Testime Technology Ink Distribution Agreement
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Table 178. European Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 179. European 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 180. French Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 181. French Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 182. French 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 183. French Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 184. French Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 185. French 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Percentage Breakdown of Revenues for Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 186. French Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 187. French Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 188. French 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement

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10.4.2 Germany
Market Analysis
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Table 189. German Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 190. German Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 191. German 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 192. German Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures

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Table 193. German Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 194. German 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Percentage Breakdown of Revenues for Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 195. German Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 196. German Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 197. German 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.4.3 Italy

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Table 198. Italian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 199. Italian Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 200. Italian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 201. Italian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics &

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Table 202. Italian Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 203. Italian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Percentage Breakdown of Revenues for Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 204. Italian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 205. Italian Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 206. Italian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.4.4 The United Kingdom

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Table 207. UK Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 208. UK Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 209. UK 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 210. UK Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 211. UK Historic Review for General Purpose Electronic Test & Measurement

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Table 213. UK Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 214. UK Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 215. UK 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.4.5 Spain

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Table 216. Spanish Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 217. Spanish Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 218. Spanish 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 219. Spanish Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 220. Spanish Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace &

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Table 221. Spanish 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Percentage Breakdown of Revenues for Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 222. Spanish Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 223. Spanish Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 224. Spanish 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.4.6 Russia Market Analysis Value Analytics

Table 225. Russian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 226. Russian Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 227. Russian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 228. Russian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 229. Russian Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 230. Russian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Percentage Breakdown of Revenues for Communications, Aerospace & Military/ Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 231. Russian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 233. Russian 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.4.7 Rest of Europe Market Analysis Value Analytics

Table 234. Rest of Europe Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal

Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 235. Rest of Europe Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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Table 240. Rest of Europe Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 242. Rest of Europe 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Current and Future Analysis

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Table 243. Asia-Pacific Recent Past, Current & Future Analysis for General Purpose

Electronic Test & Measurement Instruments by Geographic Region - China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 250. Asia-Pacific Historic Review for General Purpose Electronic Test & Measurement Instruments by End-Use Industry - Communications, Aerospace & Military/Defense, Electronics Manufacturing, Industrial Electronics & Automotive, and Other Industries Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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Table 252. Asia-Pacific Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 254. Asia-Pacific 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for China, India and Rest of Asia-Pacific Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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10.5.1 China

A. Market Analysis

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China – Poised for Growth

Expanding 4G Network Promises Growth for Test Equipment Market

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Table 258. Chinese RF Test Equipment Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Automotive & Industrial Electronics, Communications, Electronic Manufacturing, Aerospace & Defense, and Others (includes corresponding Graph/Chart)

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RF Spectrum Analyzer Market – An Overview

Table 259. Chinese RF Spectrum Analyzer Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Aerospace & Defense, Automotive & Industrial Electronics, Communications, Electronic Manufacturing, and Others (includes corresponding Graph/Chart)

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Table 260. Chinese RF Signal Generator Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Aerospace & Defense, Automotive & Industrial Electronics, Communications, Electronic Manufacturing, and Others (includes corresponding Graph/Chart)

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Table 261. Leading Players in Chinese General Purpose Electronic Test & Equipment Market (2017): Percentage Breakdown of Value Sales for Anritsu, Fluke, Keysight, Rohde & Schwarz, Tektronix, and Others (includes corresponding Graph/Chart)

Table 262. Leading Players in Chinese Oscilloscopes Market (2017): Percentage Breakdown of Value Sales for Keysight, Teledyne LeCroy, Tektronix, Yokogawa Electric, and Others (includes corresponding Graph/Chart)

Table 263. Leading Players in Chinese RF Test Equipment Market (2017): Percentage Breakdown of Revenues for Advantest, Anritsu, Keysight, Rohde & Schwarz and Others (includes corresponding Graph/Chart)

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Table 264. Chinese Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal

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Table 270. Chinese Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

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10.5.2 India

A. Market Analysis

Current and Future Analysis

India – An Emerging Hot Spot for Growth in T&M Instruments Market

The Road Ahead...

Key Trends & Growth Drivers

Oscilloscopes & Signal Generators Lead the Indian Market for T&M Equipment

Table 273. Indian Signal Generators Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Aerospace & Defense, Communications, Electronics

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Table 274. Indian Oscilloscopes Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Aerospace & Defense, Communications, Electronics Manufacturing, Industrial and Automotive, and Others (includes corresponding Graph/Chart)

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Hybrid Technology Gains Popularity
Spectrum Analyzers Make a Mark
Vendors Offer Variety of Options for Spectrum Analyzers
New Trends Mark Network Analyzers Market

Table 275. Indian Network Analyzers Market (2018E): Percentage Breakdown of Revenues by End-Use Segment - Aerospace & Defense, Communications, Electronics Manufacturing, Industrial and Automotive, and Others (includes corresponding Graph/Chart)

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Increased Spending on Defense Forces Boost T&M Instruments Market
Challenges to Reckon With...
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Table 276. Leading Players in Indian Electronic Counters Market (2017): Percentage Breakdown of Value Sales for Fluke, Keysight, Yokogawa India, and Others (includes corresponding Graph/Chart)

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Table 278. Leading Players in Indian Digital Oscilloscopes Market (2017): Percentage Breakdown of Value Sales for Keysight, Tektronix, Yokogawa India, and Others (includes corresponding Graph/Chart)

Table 279. Leading Players in Indian Spectrum Analyzers Market (2017): Percentage Breakdown of Value Sales for Anritsu, Keysight, Rohde & Schwarz, Tektronix, and Others (includes corresponding Graph/Chart)

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B. Market Analytics

Value Analytics

Table 283. Indian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 284. Indian Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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Table 289. Indian Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 290. Indian Historic Review for General Purpose Electronic Test & Measurement

Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

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10.5.3 Rest of Asia-Pacific

A. Market Analysis

Current and Future Analysis

Australia

Test and Measurement – Past, Present, and the Future

South Korea

B. Market Analytics

Value Analytics

Table 292. Rest of Asia-Pacific Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 294. Rest of Asia-Pacific 14-Year Perspective For General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Revenues for Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

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Table 299. Rest of Asia-Pacific Historic Review for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 300. Rest of Asia-Pacific 14-Year Perspective for General Purpose Electronic Test & Measurement Instruments by Product Segment - Percentage Breakdown of Unit Sales for Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

10.6 Latin America

A. Market Analysis

Current and Future Analysis

Booming Communications Sector Drives Growth Opportunities for T&M Instruments

B. Market Analytics

Value Analytics

Table 301. Latin American Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 307. Latin American Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators, Oscilloscopes, Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Sales in Units for Years 2016 through 2024 (includes corresponding Graph/Chart)

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10.7 Rest of World
Market Analysis
Value Analytics

Table 310. Rest of World Recent Past, Current & Future Analysis for General Purpose Electronic Test & Measurement Instruments by Product Segment - Multimeters, Logic Analyzers, Signal Generators (Radio Frequency Signal Generators, Microwave Signal Generators, and Arbitrary Waveform Generators), Oscilloscopes (Digital Oscilloscopes, Analog Oscilloscopes, and PC-Based Oscilloscopes), Spectrum Analyzers, Network Analyzers, Extension Based and Other Test & Measurement Instrument Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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11. COMPANY PROFILES

Total Companies Profiled: 166 (including Divisions/Subsidiaries - 180)

The United States (64)

Canada (3)

Japan (22)

Europe (36)

France (2)

Germany (9)

The United Kingdom (9)

Italy (3)

Spain (2)

Rest of Europe (11)

Asia-Pacific (Excluding Japan) (53)

Middle East (2)

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