

Middle East & Africa In-Circuit Tester Market Forecast to 2030 - Regional Analysis - by Type (Analog and Mixed), Product (Multimode Flying Probe Tester and In-Line Tester), Portability (Portable and Non-Portable), and Industry (Consumer Electronics, Automotive, Medical Equipment, Aerospace & Defense, and Others)

<https://marketpublishers.com/r/MAD4E5F139EDEN.html>

Date: May 2024

Pages: 76

Price: US\$ 3,550.00 (Single User License)

ID: MAD4E5F139EDEN

Abstracts

The Middle East & Africa in-circuit tester market is expected to grow from US\$ 74.78 million in 2022 to US\$ 95.15 million by 2030. It is estimated to grow at a CAGR of 3.1% from 2022 to 2030.

Increasing Demand for Fast Printed Circuit Board Testing Systems Fuels Middle East & Africa In-Circuit Tester Market

A PCB in-circuit tester (ICT) is a specialized equipment used throughout the quality testing of the PCBs to verify the electrical connectivity and performance of printed circuit boards (PCBs). It tests individual components for operation and discovers any defects or errors in the circuitry. In the electronics sector, ICT is often used to guarantee the quality and reliability of PCBs before they are deployed in various electronic products. One of the primary reasons driving the use of PCBs is the increasing demand for electronic items such as smartphones, tablets, wearable devices, and automotive electronics. The rising emphasis on producing high-quality PCBs with fewer errors is encouraging the use of ICT equipment. Technological advances and breakthroughs in ICT systems have pushed PCB adoption even further. Advanced ICT systems capable of managing complicated PCB designs and higher component densities are being developed by manufacturers. These technologies provide greater accuracy, faster

testing speeds, and fault detection capabilities.

Middle East & Africa In-Circuit Tester Market Overview

The Middle East & Africa in-circuit tester market is further segmented into Saudi Arabia, the UAE, South Africa, and the Rest of MEA. South Africa has several PCB manufacturers and fabrication companies. The Trax Interconnect Pvt. Ltd., Bosco Printed Circuits, Cirtech Electronics, and Central Circuit cc are among the prominent players manufacturing PCBs. Thus, the presence of PCB manufacturers in the region propels the growth of the in-circuit tester market.

Further, according to the International Trade Administration (ITA), in 2021, the Middle East/North Africa (MENA) regions automotive market was expanding at ~36%, with Saudi Arabia as the leading regional market. Saudi Arabia reported that ~52% of the vehicles are sold in the Gulf Cooperation Council (GCC) and 35% in the MENA region in 2020. The total number of vehicles sold in Saudi Arabia in 2019 and 2020 was 556,000 and 436,000, respectively. Sales are estimated to reach 543,000 units by 2025, with electric vehicles (EVs) accounting for only 32,000 units. Thus, the growing automotive sales in the region is propelling the growth of the in-circuit tester market. UAE is a hub for several industries, including technology, oil & gas, finance, and tourism. Also, several global firms are investing in expanding their businesses in the country. According to the UAE Ministry of Industry and Advanced Technology, the UAE focuses on digitizing, automating, and deploying advanced technologies. Thus, the demand for telecommunication and electronic equipment is rising, the rising demand for telecommunication and electronic equipment is driving the in-circuit tester market as the in-circuit tester plays an important role in wireless communication and electronic equipment.

Middle East & Africa In-Circuit Tester Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa In-Circuit Tester Market Segmentation

The Middle East & Africa in-circuit tester market is segmented into type, product, portability, industry, and country.

Based on type, the Middle East & Africa in-circuit tester market is bifurcated into analog and mixed. The analog segment held a larger share of the Middle East & Africa in-circuit tester market in 2022.

In terms of product, the Middle East & Africa in-circuit tester market is bifurcated into in-line tester and multimode flying probe tester. The in-line tester segment held a larger share of the Middle East & Africa in-circuit tester market in 2022.

Based on portability, the Middle East & Africa in-circuit tester market is bifurcated into non-portable and portable. The non-portable segment held a larger share of the Middle East & Africa in-circuit tester market in 2022.

Based on industry, the Middle East & Africa in-circuit tester market is segmented into consumer electronics, automotive, medical equipment, aerospace & defense, and others. The consumer electronics segment held the largest share of the Middle East & Africa in-circuit tester market in 2022.

Based on country, the Middle East & Africa in-circuit tester market is segmented into the UAE, Saudi Arabia, South Africa, and the Rest of Middle East and Africa. The UAE dominated the Middle East & Africa in-circuit tester market in 2022.

Teradyne Inc, Keysight Technologies Inc, Kyoritsu Test System Co Ltd, and SPEA S.p.A. are some of the leading companies operating in the Middle East & Africa in-circuit tester market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA IN-CIRCUIT TESTER MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Ecosystem Analysis
 - 4.2.1 List of Vendors in Value Chain:

5. MIDDLE EAST & AFRICA IN-CIRCUIT TESTER MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Drivers
 - 5.1.1 Increasing Demand for Fast Printed Circuit Board Testing Systems
 - 5.1.2 Rising Adoption of In-Circuit Testers in Automotive Electronic Testing
 - 5.1.3 Growing Use of Testers to Detect Manufacturing Defects Across Various End-Use Industries
- 5.2 Restraints
 - 5.2.1 High Cost of In-Circuit Testing Systems
- 5.3 Opportunities
 - 5.3.1 Adoption of Industry 4.0
 - 5.3.2 Growth of 5G
- 5.4 Trends
 - 5.4.1 Use of Artificial Intelligence and Machine Learning

5.5 Impact of Drivers and Restraints:

6. IN-CIRCUIT TESTER MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS

6.1 In-Circuit Tester Market Revenue (US\$ Million), 2020 - 2030

6.2 In-Circuit Tester Market Forecast and Analysis

7. MIDDLE EAST & AFRICA IN-CIRCUIT TESTER MARKET ANALYSIS - TYPE

7.1 Analog

7.1.1 Overview

7.1.2 Analog Market Revenue and Forecasts to 2030 (US\$ Million)

7.2 Mixed

7.2.1 Overview

7.2.2 Mixed Market Revenue and Forecasts to 2030 (US\$ Million)

8. MIDDLE EAST & AFRICA: IN-CIRCUIT TESTER MARKET ANALYSIS - PRODUCT

8.1 In-Line Tester

8.1.1 Overview

8.1.2 In-Line Tester Market Revenue and Forecasts to 2030 (US\$ Million)

8.2 Multimode Flying Probe Tester

8.2.1 Overview

8.2.2 Multimode Flying Probe Tester Market Revenue and Forecasts to 2030 (US\$ Million)

9. MIDDLE EAST & AFRICA IN-CIRCUIT TESTER MARKET ANALYSIS - PORTABILITY

9.1 Non-Portable

9.1.1 Overview

9.1.2 Non-Portable Market Revenue and Forecasts to 2030 (US\$ Million)

9.2 Portable

9.2.1 Overview

9.2.2 Portable Market Revenue and Forecasts to 2030 (US\$ Million)

10. MIDDLE EAST & AFRICA: IN-CIRCUIT TESTER MARKET ANALYSIS - INDUSTRY

10.1 Consumer Electronics

10.1.1 Overview

10.1.2 Consumer Electronics Market Revenue and Forecasts to 2030 (US\$ Million)

10.2 Automotive

10.2.1 Overview

10.2.2 Automotive Market Revenue and Forecasts to 2030 (US\$ Million)

10.3 Medical Equipment

10.3.1 Overview

10.3.2 Medical Equipment Market Revenue and Forecasts to 2030 (US\$ Million)

10.4 Aerospace and Defence

10.4.1 Overview

10.4.2 Aerospace and Defence Market Revenue and Forecasts to 2030 (US\$ Million)

10.5 Others

10.5.1 Overview

10.5.2 Others Market Revenue and Forecasts to 2030 (US\$ Million)

11. MIDDLE EAST & AFRICA IN-CIRCUIT TESTER MARKET - COUNTRY ANALYSIS

11.1 Middle East & Africa

11.1.1 Middle East & Africa: In-Circuit Tester Market Overview

11.1.2 Middle East & Africa: In-Circuit Tester Market, By Key Country - Revenue 2022 (US\$ Million)

11.1.3 Middle East & Africa: In-Circuit Tester Market Revenue and Forecasts and Analysis - By Countries

11.1.3.1 UAE: In-Circuit Tester Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.3.1.1 UAE: In-Circuit Tester Market Breakdown by Type

11.1.3.1.2 UAE: In-Circuit Tester Market Breakdown by Product

11.1.3.1.3 UAE: In-Circuit Tester Market Breakdown by Portability

11.1.3.1.4 UAE: In-Circuit Tester Market Breakdown by Industry

11.1.3.2 Saudi Arabia: In-Circuit Tester Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.3.2.1 Saudi Arabia: In-Circuit Tester Market Breakdown by Type

11.1.3.2.2 Saudi Arabia: In-Circuit Tester Market Breakdown by Product

11.1.3.2.3 Saudi Arabia: In-Circuit Tester Market Breakdown by Portability

11.1.3.2.4 Saudi Arabia: In-Circuit Tester Market Breakdown by Industry

11.1.3.3 South Africa: In-Circuit Tester Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.3.3.1 South Africa: In-Circuit Tester Market Breakdown by Type

- 11.1.3.3.2 South Africa: In-Circuit Tester Market Breakdown by Portability
- 11.1.3.3.3 South Africa: In-Circuit Tester Market Breakdown by Industry
- 11.1.3.4 Rest of Middle East & Africa: In-Circuit Tester Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 11.1.3.4.1 Rest of Middle East & Africa: In-Circuit Tester Market Breakdown by Type
 - 11.1.3.4.2 Rest of Middle East & Africa: In-Circuit Tester Market Breakdown by Product
 - 11.1.3.4.3 Rest of Middle East & Africa: In-Circuit Tester Market Breakdown by Portability
 - 11.1.3.4.4 Rest of Middle East & Africa: In-Circuit Tester Market Breakdown by Industry

12. INDUSTRY LANDSCAPE

- 12.1 Overview
- 12.2 Market Initiative
- 12.3 Product Development
- 12.4 Mergers & Acquisitions

13. COMPANY PROFILE

- 13.1 Teradyne Inc
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
- 13.2 Keysight Technologies Inc
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis
 - 13.2.6 Key Developments
- 13.3 Kyoritsu Test System Co Ltd
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

13.3.6 Key Developments

13.4 SPEA S.p.A.

13.4.1 Key Facts

13.4.2 Business Description

13.4.3 Products and Services

13.4.4 Financial Overview

13.4.5 SWOT Analysis

13.4.6 Key Developments

14. APPENDIX

14.1 Word Index

I would like to order

Product name: Middle East & Africa In-Circuit Tester Market Forecast to 2030 - Regional Analysis - by Type (Analog and Mixed), Product (Multimode Flying Probe Tester and In-Line Tester), Portability (Portable and Non-Portable), and Industry (Consumer Electronics, Automotive, Medical Equipment, Aerospace & Defense, and Others)

Product link: <https://marketpublishers.com/r/MAD4E5F139EDEN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MAD4E5F139EDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970