

# Water Testing Equipment: Global Markets to 2023

<https://marketpublishers.com/r/W8E92807869EN.html>

Date: October 2018

Pages: 163

Price: US\$ 1,375.00 (Single User License)

ID: W8E92807869EN

## Abstracts

### Report Scope:

Freshwater and saltwater ecosystems are complex and interactive physical, chemical and biological systems. Human activities cause changes in these attributes and affect living resources over time. This report covers some of the physical, chemical and biological parameters of water that are being monitored by governments and industries while supplying or using water from various sources. The global water industry is huge, and it consists of segments such as water treatment, water equipment, water supply and others. This report is primarily focused on water testing equipment and its usage by end-use industries such as food and beverage, pharmaceuticals, refineries, power generation and municipal corporations. This report on the water testing equipment market highlights strong demand for water testing equipment and technologies that are capable of detecting physical, chemical and biological contaminants even if present in trace amounts. Use of such testing technologies helps industries meet regulatory requirements for safe drinking water. BCC Research analyzed key categories and regions to determine the present and future water testing equipment market status and forecasted market growth from 2018 to 2023. This report also discusses market strategies, water infrastructure and key players in countries and driving forces of the market.

### Report Includes::

85 tables

Industry analysis of the global water testing equipment market

Analyses of global market trends with data from 2017, estimates for 2018, and projections of compound annual growth rates (CAGRs) through 2023

Coverage of some of the key water testing equipment including pH meters, conductivity meters, dissolved oxygen meters and turbidity meters, along with their industrial usage

Regional dynamics of atrial fibrillation for level covering North America, Europe, Asia-Pacific and Other emerging markets

Discussion of competitive strategies employed by global major players, patent evaluation and driving forces of the water testing equipment market

Emphasis on the strong demand for water testing equipment technologies and services that improve processes, increase efficiencies, drive cost savings and help meet regulatory requirements

Company profiles of the major water testing equipment manufacturers and suppliers including ABB Ltd., Agilent Technologies Inc., Danaher Corp., Emerson Electric Co., Exova Group Plc, Suez and Thermo Fisher Scientific Inc.

## Contents

### **CHAPTER 1 INTRODUCTION**

Introduction  
Study Objectives  
Scope of the Report  
Research Methodology  
Intended Audience  
Information Sources  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

Introduction  
Global Water Testing Equipment Market  
Market Size  
Market Competition

### **CHAPTER 3 WATER INDUSTRY OVERVIEW**

Introduction  
Economic Value of Water  
Global Water Testing Equipment Market Structure  
Market Definition: Water Testing Equipment  
Water Testing Market by Industry  
Water Testing Market by Project Type  
Water Testing Market by Application  
Water Testing Market by Type of Equipment  
Global Water Industry Trends  
Consumer Health Awareness  
Need for Water Management  
Water Industry Outlook  
Water Quality Testing Equipment Market  
Innovative Products and Services  
Future Trends in the Water Testing Industry

## **CHAPTER 4 MARKET OUTLOOK**

Introduction

Growth Factor Analysis

Demand for Water is Soaring in Response to Global Population

Increasing Urbanization

Rapid Growth in Industrialization

Growth in Water Treatment Industry

Huge Investments in Aging Water Infrastructure

Opportunities for Private Water Companies

Climate Changes Affecting Water Reserves

New Pollutants in The Water

Greater Health Awareness

Higher Water Quality Standards

## **CHAPTER 5 WATER QUALITY TESTS**

Introduction

Water Quality Test Parameters

Identify Test Methods

Selecting Water Testing Equipment

Equipment Calibration

Physical Contaminants Tests

World Health Organization Guidelines for Physical Parameters

Color Observation

Odor and Taste

Temperature

Turbidity

Chemical Contaminants Tests

Key Points on Chemical Contaminants Testing

World Health Organization Guidelines for Chemical Contaminants

Common Chemical Parameters for Testing

Test Methods

Microbiological Contamination Tests

World Health Organization Guidelines for Microbiological Contaminants

## **CHAPTER 6 MARKET BREAKDOWN BY TYPE OF TEST INSTRUMENT**

Introduction  
Overall Market Size  
Dissolved Oxygen Analysis of Water  
Dissolved Oxygen Meter  
Market Prices  
Market Size  
Total Organic Carbon Analysis of Water  
Total Organic Carbon Analyzers  
Market Prices  
Market Size  
pH Analysis of Water  
pH Meter  
Market Prices  
Market Size  
Conductivity Measurement of Water  
Conductivity Meter/Sensor  
Market Prices  
Market Size  
Turbidity Analysis of Water  
Turbidity Meter  
Market Prices  
Market Size  
Other Water Testing Equipment  
Market Prices  
Market Size

## **CHAPTER 7 MARKET BREAKDOWN BY TYPE OF EQUIPMENT**

Introduction  
Overall Market Size  
Benchtop Equipment  
Fixed Site Laboratories  
Market Size  
Handheld Equipment  
Intermediate Laboratories  
Central Laboratories  
Market Size  
Portable Equipment  
Portable Laboratories

Other Types of Water Testing Equipment  
Market Size

## **CHAPTER 8 MARKET BREAKDOWN BY END USE**

Introduction  
Cost Considerations in Water Quality Testing  
Market Size  
Industrial Water Testing  
Industrial Water Testing Equipment  
Market Size  
Environmental Water Testing  
Environmental Water Testing Equipment  
Market Size  
Domestic Water Testing  
Domestic Water Testing Equipment  
Market Size  
Other End Uses for Water Testing  
Market Size

## **CHAPTER 9 MARKET BREAKDOWN BY REGION**

Introduction  
Overall Market Size  
North America  
United States  
Canada  
Mexico  
Market Size by Country  
Market Size by Type of Test Instrument  
Market Size by Type of Equipment  
Market Size by End Use  
Europe  
Germany  
Italy  
United Kingdom  
France  
Spain  
Market Size by Country

Market Size by Type of Test Instrument

Market Size by Type of Equipment

Market Size by End Use

Asia-Pacific

China

India

Japan

Market Size by Country

Market Size by Type of Test Instrument

Market Size by Type of Equipment

Market Size by End Use

Rest of World

South America

Middle East

Africa

Market Size by Country

Market Size by Type of Test Instrument

Market Size by Type of Equipment

Market Size by End Use

## **CHAPTER 10 MARKET COMPETITION ANALYSIS**

Introduction

Bargaining Power of Buyers

Bargaining Power of Suppliers

Threat of New Entrants

Threat of Substitutes

Market Competition

## **CHAPTER 11 COMPETITIVE LANDSCAPE**

Introduction

Competitive Landscape in the Global Water Market

Increasing Investment in the Water Sector Is Creating Opportunities for Start-ups

Competition in the Global Water Testing Equipment Market

Company Market Shares

## **CHAPTER 12 COMPANY PROFILES**

**ABB LTD.**

Business Overview

Business Segment

Company Financials

Product and Service Offerings

**AGILENT TECHNOLOGIES INC.**

Business Overview

Business Segment: Life Sciences and Applied Markets

Company Financials

Product and Service Offerings

**BUREAU VERITAS GROUP**

Business Overview

Company Financials

Service Offerings

**CALIFORNIA LABORATORY SERVICES**

Business Overview

Product and Service Offerings

**CHEMETRICS INC.**

Business Overview

Product Offerings

**CHENGDU TECHCENT ENVIRONMENT CO. LTD.**

Business Overview

Product and Service Offerings

**DANAHER CORP.**

Business Overview

Business Segment: Environmental and Applied Solutions

**EMERSON ELECTRIC CO. (U.S.)**

Business Overview

Business Segment: Analytical Technologies

Product and Service Offerings

**EUROFINS SCIENTIFIC INC.**

Business Overview

Company Financials

Service Offerings

**EUTECH INSTRUMENTS PVT. LTD.**

Business Overview

**EXOVA GROUP PLC**

Business Overview

Product and Service Offerings



**GEOTECH ENVIRONMENTAL EQUIPMENT INC.**

Business Overview

**HALMA PLC**

Business Overview

**HILL LABORATORIES LTD.**

Business Overview

Service Offerings

**HORIBA LTD.**

Business Overview

Product and Service Offerings

**IDEXX LABORATORIES INC.**

Business Overview

Company Product Offerings

**IN-SITU INC.**

Business Overview

**INTERTEK GROUP PLC**

Business Overview

Company Financials

Product and Service Offerings

**KAMSTR UP A/S**

Business Overview

**METTLER-TOLEDO INTERNATIONAL INC.**

Business Overview

Business Segment: Laboratory Instruments

Company Financials

Product and Service Offerings

**MYRON L CO.**

Business Overview

Product and Service Offerings

**NOVA BIOLOGICALS**

Business Overview

Service Offerings

**OPTIQUA TECHNOLOGIES PVT. LTD.**

Business Overview

**PENTAIR PLC**

Business Overview

Product and Services Offerings

Company Brands

**SGS SA**

Business Overview  
Company Financials  
Service Offerings  
SHIMADZU CORP.  
Business Overview  
Company Financials  
Product and Service Offerings  
SUEZ  
Business Overview  
Products and Services Offered  
Company Financials  
Business Segmentation  
Regional Segmentation  
THERMO FISHER SCIENTIFIC INC.  
Business Overview  
Company Financials  
Product and Service Offerings  
TINTOMETER GMBH  
Business Overview  
Product and Service Offerings  
WATERS CORP.  
Business Overview  
Company Financials  
Product and Service Offerings  
XYLEM INC.  
Business Overview  
Company Financials  
Product and Service Offerings

## **CHAPTER 13 APPENDIX**

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Water Testing Equipment, by Type of Test Instrument Through 2023

Table 1: Water Pollutants and Their Impact on Water Quality

Table 2: Global Water Market Structure

Table 3: Opportunities in the Global Water Industry

Table 4: Water Quantities Used in Food Production, by Product

Table 5: Water Quality Test Parameters

Table 6: Checklist for Ensuring Quality Control

Table 7: WHO Guidelines for Drinking Water Quality: Physical

Table 8: Color Observations

Table 9: Odor Observations

Table 10: Sources of Chemical Contamination

Table 11: Recommended Test Methods for Different Chemicals

Table 12: Fecal Contamination in Drinking Water and Its Associated Risks

Table 13: Global Market for Water Testing Equipment, by Type of Test Instrument, Through 2023

Table 14: Different Types of Dissolved Oxygen Equipment for Water Quality Testing

Table 15: Prices of Dissolved Oxygen Meters

Table 16: Global Market for Dissolved Oxygen Meters for Water Testing, by Region, Through 2023

Table 17: Prices of Total Organic Carbon Analyzers

Table 18: Global Market for Total Organic Carbon Analyzers for Water Testing, by Region, Through 2023

Table 19: Prices of pH Meters

Table 20: Global Market for pH Meters for Water Testing, by Region, Through 2023

Table 21: Relationship Between Salt Concentration and Conductivity

Table 22: Prices of Conductivity Sensors

Table 23: Global Market for Conductivity Sensors for Water Testing, by Region, Through 2023

Table 24: Prices of Turbidity Meters and Analyzers

Table 25: Global Market for Turbidity Meters for Water Testing, by Region, Through 2023

Table 26: Types of Water Testing Equipment in the Market

Table 27: Water Testing Equipment Prices

Table 28: Global Market for Other Types of Equipment Used for Water Testing, by

Region, Through 2023

Table 29: Global Market for Water Testing Equipment, by Type, Through 2023

Table 30: Basic Test Variables

Table 31: Major Equipment Used for Basic Laboratory Bacteriological Testing

Table 32: Major Equipment Used for Basic Laboratory Chemical Testing

Table 33: Global Market for Benchtop Equipment for Water Testing, by Region, Through 2023

Table 34: Major Types Equipment Used for Intermediate Laboratory Bacteriological Testing

Table 35: Major Types of Equipment Used for Intermediate Laboratory Chemical Testing

Table 36: Global Market for Handheld Equipment for Water Testing, by Region, Through 2023

Table 37: Variables and Methods in Water Quality Testing

Table 38: Global Market for Portable Equipment for Water Testing, by Region, Through 2023

Table 39: Global Market for Other Types of Water Testing Equipment, by Region, Through 2023

Table 40: Cost Considerations in Water Quality Testing

Table 41: Global Market for Water Testing Equipment, by End Use, Through 2023

Table 42: Global Market for Water Testing Equipment for Industrial Uses, by Region, Through 2023

Table 43: Global Market for Water Testing Equipment for Industrial Uses, by Application, Through 2023

Table 44: Global Market for Water Testing Equipment for Environmental Uses, by Region, Through 2023

Table 45: Global Market for Water Testing Equipment for Domestic Uses, by Region, Through 2023

Table 46: Global Market for Water Testing Equipment for Other Uses, by Region, Through 2023

Table 47: Global Market for Water Testing Equipment, by Region, Through 2023

Table 48: Key Companies in the U.S. Water Industry

Table 49: Key Companies in the Canadian Water Industry

Table 50: Key Companies in the Mexican Water Industry

Table 51: North American Market for Water Testing Equipment, by Country, Through 2023

Table 52: North American Market for Water Testing Equipment, by Type of Test Instrument, Through 2023

Table 53: North American Market for Water Testing Equipment, by Type, Through 2023

Table 54: North American Market for Water Testing Equipment, by End Use, Through 2023

Table 55: Key Companies in the German Water Industry

Table 56: Key Companies in the Italian Water Industry

Table 57: Key Companies in the U.K. Water Industry

Table 58: Key Companies in the French Water Industry

Table 59: Key Companies in the Spanish Water Industry

Table 60: European Market for Water Testing Equipment, by Country, Through 2023

Table 61: European Market for Water Testing Equipment, by Type of Test Instrument, Through 2023

Table 62: European Market for Water Testing Equipment, by Type, Through 2023

Table 63: European Market for Water Testing Equipment, by End Use, Through 2023

Table 64: Key Companies in the Chinese Water Industry

Table 65: Key Companies in the Indian Water Industry

Table 66: Key Companies in the Japanese Water Industry

Table 67: Asia-Pacific Market for Water Testing Equipment, by Country, Through 2023

Table 68: Asia-Pacific Market for Water Testing Equipment, by Type of Test Instrument, Through 2023

Table 69: Asia-Pacific Water Testing Equipment Market, by Type, Through 2023

Table 70: Asia-Pacific Water Testing Equipment Market, by End Use, Through 2023

Table 71: Key Companies in the South American Water Industry

Table 72: Key Companies in the Middle Eastern Water Industry

Table 73: Key Companies in the African Water Industry

Table 74: Rest of World Market for Water Testing Equipment, by Country, Through 2023

Table 75: Rest of World Market for Water Testing Equipment, by Type of Test Instrument, Through 2023

Table 76: Rest of World Market for Water Testing Equipment, by Type, Through 2023

Table 77: Rest of World Market for Water Testing Equipment, by End Use, Through 2023

Table 78: ABB Ltd. Product and Service Offerings

Table 79: CAL Product and Services Offered

Table 80: CHEMetrics Product Offerings

Table 81: Mettler-Toledo International Product Offerings

Table 82: Shimadzu Product and Service Offerings

Table 83: SUEZ Product and Service Offerings

Table 84: Acronymss Used in This Report

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Water Testing Equipment, by Type of Test Instrument, 2017-2023

Figure 1: Fishbone Analysis of Water Pollution Causes and Market Opportunities

Figure 2: Global Capital Expenditures on Water, by Industry, 2017

Figure 3: Global Distribution of Capital Expenditures on Water Testing, by Project Type, 2017

Figure 4: Global Distribution of Capital Expenditures on Water Testing, by Applications, 2017

Figure 5: Global Distribution of Equipment Used in the Water Industry, by Type, 2017

Figure 6: Water Value Chain

Figure 7: Global Usage of Water, by Type, 2018

Figure 8: Water End-Use Share of Developing Countries, by Type, 2018

Figure 9: Water End-Use Share of Developed Countries, by Type, 2018

Figure 10: Global Food Demand, by Region, 1997 vs. 2020

Figure 11: Global Market for Water Testing Equipment, by Type of Test Instrument, 2017-2023

Figure 12: Global Market Share for Water Testing Equipment, by Type of Test Instrument, 2017

Figure 13: Global Market for Water Testing Equipment, by Type, 2017-2023

Figure 14: Global Market Share for Water Testing Equipment, by Type, 2017

Figure 15: Global Market for Water Testing Equipment, by End Use, 2017-2023

Figure 16: Global Market Share for Water Testing Equipment, by End Use, 2017

Figure 17: Global Market for Water Testing Equipment for Industrial Uses, by Application, 2017-2023

Figure 18: Global Market Share for Water Testing Equipment for Industrial Uses, by Application, 2017

Figure 19: Global Market for Water Testing Equipment, by Region, 2017-2023

Figure 20: Global Market Share for Water Testing Equipment, by Region, 2017

Figure 21: Water Usage in the U.S., by Sector, 2015

Figure 22: Water Usage in Canada, by Sector, 2015

Figure 23: Water Usage in Mexico, by Sector, 2015

Figure 24: North American Market for Water Testing Equipment, by Country, 2017-2023

Figure 25: Water Usage in Europe, by Sector, 2016

Figure 26: Water Usage in Germany, by Sector, 2015

Figure 27: Water Usage in Italy, by Sector, 2015

- Figure 28: Water Usage in the U.K., by Sector, 2015
- Figure 29: Water Usage in France, by Sector, 2015
- Figure 30: Water Usage in Spain, by Sector, 2015
- Figure 31: European Market for Water Testing Equipment, by Country, 2017-2023
- Figure 32: Water Usage in China, by Sector, 2015
- Figure 33: Water Usage in India, by Sector, 2015
- Figure 34: Water Usage in Japan, by Sector, 2015
- Figure 35: Asia-Pacific Market for Water Testing Equipment, by Country, 2017-2023
- Figure 36: Water Usage in Africa, by Sector, 2015
- Figure 37: Rest of World Market for Water Testing Equipment, by Country, 2017-2023
- Figure 38: Porter's Five Forces: Global Water Testing Equipment
- Figure 39: Water Testing Equipment Market, Bargaining Power of Buyers
- Figure 40: Water Testing Equipment Market, Bargaining Power of Suppliers
- Figure 41: Water Testing Equipment Market, Threat of New Entrants
- Figure 42: Water Testing Equipment Market, Threat from Substitutes
- Figure 43: Water Testing Equipment Market Competition
- Figure 44: Global Market Share for Water Testing Equipment, by Key Company
- Figure 45: ABB Ltd.: SWOT Analysis
- Figure 46: ABB Ltd.: Company Revenue, 2016 and 2017
- Figure 47: ABB Ltd.: Company Revenue Share, by Business Segment, 2017
- Figure 48: ABB Ltd.: Company Sales Share, 2017
- Figure 49: Agilent Technologies Inc.: SWOT Analysis
- Figure 50: Agilent Technologies Inc.: Company Revenue, 2016 and 2017
- Figure 51: Agilent Technologies Inc.: Company Revenue Share, by Region, 2017
- Figure 52: Agilent Technologies Inc.: Company Revenue Share, by Business Segment, 2017
- Figure 53: Agilent Technologies Inc.: Company Sales Share, by End Market, 2017
- Figure 54: Bureau Veritas SA: Company Revenue, 2012-2017
- Figure 55: Bureau Veritas SA: Company Revenue Share, by Business Segment, 2017
- Figure 56: Danaher Corp.: SWOT Analysis
- Figure 57: Danaher Corp.: Company Revenue, 2016 and 2017
- Figure 58: Danaher Corp.: Company Revenue Share, by Business Segment, 2017
- Figure 59: Emerson Electric Co.: SWOT Analysis
- Figure 60: Emerson Electric Co.: Company Revenue, 2016 and 2017
- Figure 61: Emerson Electric Co.: Company Revenue Share, by Business Segment, 2017
- Figure 62: Emerson Electric Co.: Company Revenue Share, by Region, 2017
- Figure 63: Eurofins Scientific Inc.: Company Revenue, 2012-2017
- Figure 64: Eurofins Scientific Inc.: Company Revenue Share, by Region, 2017

- Figure 65: Intertek Group Plc: Company Revenue, 2016 and 2017
- Figure 66: Intertek Group Plc: Company Revenue Share, by Region, 2017
- Figure 67: Mettler-Toledo International Inc: Company Revenue, 2013-2017
- Figure 68: SGS SA: Company Revenue, 2013-2017
- Figure 69: SGS SA: Company Revenue Share, by Region, 2017
- Figure 70: Shimadzu Corp.: Company Revenue, 2016-2017
- Figure 71: Shimadzu Corp.: Company Revenue Share, by Region, 2017
- Figure 72: SUEZ: Company Revenue, 2016 and 2017
- Figure 73: SUEZ: Company Revenue Share, by Business Segment, 2017
- Figure 74: SUEZ: Company Revenue Share, by Region, 2017
- Figure 75: Thermo Fisher Scientific Inc.: SWOT Analysis
- Figure 76: Thermo Fisher Scientific Inc.: Company Revenue, 2013-2017
- Figure 77: Thermo Fisher Scientific Inc.: Company Revenue Share, by Business Segment, 2017
- Figure 78: Thermo Fisher Scientific Inc.: Company Revenue Share, by Region, 2017
- Figure 79: Thermo Fisher Scientific Inc.: Company Revenue Share, by End Market, 2017
- Figure 80: Thermo Fisher Scientific Inc.: Company Revenue Share, by Sales, 2017
- Figure 81: Water Corp.: SWOT Analysis
- Figure 82: Water Corp.: SWOT Analysis
- Figure 83: Emerson Electric Co.: Company Revenue Share, by Business Segment, 2017
- Figure 84: Emerson Electric Co.: Company Revenue Share, by Region, 2017
- Figure 85: Xylem Inc.: Company Revenue, 2015-2017
- Figure 86: Xylem Inc.: Company Revenue Share, by Business Segment, 2017
- Figure 87: Xylem Inc.: Company Revenue Share, by Region, 2017



## I would like to order

Product name: Water Testing Equipment: Global Markets to 2023

Product link: <https://marketpublishers.com/r/W8E92807869EN.html>

Price: US\$ 1,375.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/W8E92807869EN.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