

Liquid Handling: Technologies and Global Markets

<https://marketpublishers.com/r/LDCC6595A3FDEN.html>

Date: September 2023

Pages: 136

Price: US\$ 5,500.00 (Single User License)

ID: LDCC6595A3FDEN

Abstracts

Report Scope:

This report will focus on liquid handling equipment for biological and chemical laboratory use and applications of the equipment. This report will not discuss total laboratory automation solutions, as it will not cover the software and integrating hardware needed, or any scientific analytic technologies beyond liquid handling. This report will also not cover consumables, as most of the consumables used are typically used in other laboratory applications.

Report Includes:

23 data tables and 35 additional tables

Detailed overview and an up-to-date analysis of the global markets for liquid handling technologies

Analyses of the global market trends, with historical market revenue data (sales figures) for 2022, estimates for 2023, forecasts for 2024, and projections of compound annual growth rates (CAGRs) through 2028

Estimation of the actual market size and revenue forecast for liquid handling equipment market, and corresponding market share analysis based on product type, technology, application, and region

In-depth information (facts and figures) concerning the market growth drivers, opportunities and challenges, prospects, technologies, regulatory scenarios, and COVID-19 impact on the progress of this market

Analysis of the market growth opportunities with a holistic review of Porter's five forces analysis and PESTLE analysis considering both micro%li%and macro environmental factors prevailing in marketplace

Discussion of the importance of ESG in liquid handling equipment and technology market, consumer attitudes, risks and opportunity assessment, and ESG followed practices

A look at the major vendors in the global market for liquid handling technologies, and analyze the industry structure with respect to company market shares, venture fundings, and recent merger and acquisition (M&A) activities

A relevant patent analysis covering both the new and existing patents and study of clinical trails

Identification of the major stakeholders and analysis of their company competitive landscape based on recent developments, key financials and segmental revenues, and operational integration

Company profiles of major players within the industry, including Thermo Fisher Scientific, Agilent Technologies, Beckman Coulter, Eppendorf SE, and Mettler Toledo

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
What's New in this Update?
Methodology
Information Sources
Primary Research
Secondary Research
Geographic Breakdown

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Market Outlook
Market Summary

CHAPTER 3 MARKET OVERVIEW

Overview
Liquid Handling
Liquid Handling in Academic Applications
Liquid Handling in Chemical Applications
Liquid Handling in Environmental Applications
Liquid Handling in Forensic Applications
Liquid Handling in Agricultural Applications
Liquid Handling in Food Applications
Global Regulatory Structure for Liquid Handling Devices
Pricing and Reimbursement for Liquid Handling Devices
Regulatory Landscape
Types of Liquid Handlers

CHAPTER 4 MARKET DYNAMICS

Market Drivers
Trend toward Automation
Growth in Life Sciences Industry

Advances in Research
Cost and Time Savings and High-Throughput Screening
Growing Drug Development Pipeline
Market Opportunities
Overview
Automation and Robotics
Growing Pharmaceutical and Healthcare Industries
Environmental Testing and Monitoring
Market Restraints
High Initial Costs
Complexity and Technical Expertise
Risk of Contamination and Errors and Lack of Standardization of Equipment
Environmental and Sustainability Concerns

CHAPTER 5 MARKET BREAKDOWN BY EQUIPMENT TYPE

Market Overview
Manual Liquid Handling
Automated Liquid Handling
Semi-Automated Liquid Handling
Market Revenue by Equipment Type
North America
Europe
Asia-Pacific
Rest of the World

CHAPTER 6 MARKET BREAKDOWN BY REGION

Market Overview
North America
Europe
Asia-Pacific
Rest of the World

CHAPTER 7 MARKET BREAKDOWN BY APPLICATION

Market Overview
Market Revenue by Application
Biotechnology

Pharmaceutical
Academic
Clinical/Public Health
Environmental
Forensic
Agriculture
Food and Beverage
Material Sciences
Chemical Manufacturing

CHAPTER 8 ESG DEVELOPMENT

Introduction
Environment
Social
Governance
Case Study
Concluding Remarks from BCC Research

CHAPTER 9 EMERGING TECHNOLOGIES AND DEVELOPMENTS

Introduction
New and Emerging Technologies

CHAPTER 10 COMPETITIVE INTELLIGENCE

Overview
Industry Scenario
Company Shares of the Market

CHAPTER 11 PATENT ANALYSIS

Patent Analysis by Manufacturer
Introduction

CHAPTER 12 M&A AND VENTURE FUNDING OUTLOOK

Introduction

CHAPTER 13 COMPANY PROFILES

AGILENT TECHNOLOGIES INC.
ANALYTIK JENA GMBH+CO. KG
ART ROBBINS INSTRUMENTS
BECKMAN COULTER INC.
EPPENDORF SE
F. HOFFMANN-LA ROCHE LTD
GILSON INC.
HAMILTON CO.
METTLER TOLEDO
OPENTRONS LABWORKS INC.
PERKINELMER INC.
SARTORIUS AG
TECAN TRADING AG
THERMO FISHER SCIENTIFIC INC.

CHAPTER 14 APPENDIX

List of Tables

Summary Table : Global Market for Liquid Handling Technologies, by Type, Through 2028

Table 1 : Global Market for Liquid Handling Technologies in Agricultural Applications

Table 2 : Global Market for Liquid Handling Technologies in Dairy Applications

Table 3 : Global Standards for Liquid Handling

Table 4 : Global Market for Liquid Handling, by Equipment Type, Through 2028

Table 5 : North American Market for Liquid Handling Technologies, by Equipment Type, Through 2028

Table 6 : European Market for Liquid Handling Technologies, by Equipment Type, Through 2028

Table 7 : Asia-Pacific Market for Liquid Handling Technologies, by Equipment Type, Through 2028

Table 8 : RoW Market for Liquid Handling Technologies, by Equipment Type, Through 2028

Table 9 : Global Market for Liquid Handling Technologies, by Region, Through 2028

Table 10 : North American Market for Liquid Handling Technologies, by Country, Through 2028

Table 11 : European Market for Liquid Handling Technologies, by Country, Through 2028

Table 12 : Asia-Pacific Market for Liquid Handling Technologies, by Country, Through 2028

Table 13 : RoW Market for Liquid Handling Technologies, Through 2028

Table 14 : Global Market for Liquid Handling Technologies, by Application, Through 2028

Table 15 : Global Market for Liquid Handling Technologies in Biotechnology Applications, by Region, Through 2028

Table 16 : Global Market for Liquid Handling Technologies in Pharmaceutical Applications, by Region, Through 2028

Table 17 : Global Market for Liquid Handling Technologies in Academic Applications, by Region, Through 2028

Table 18 : Global Market for Liquid Handling Technologies in Clinical/Public Health Applications, by Region, Through 2028

Table 19 : Global Market for Liquid Handling Technologies in Environmental Applications, by Region, Through 2028

Table 20 : Global Market for Liquid Handling Technologies in Forensic Applications, by Region, Through 2028

Table 21 : Global Market for Liquid Handling Technologies in Agricultural Applications, by Region, Through 2028

Table 22 : Global Market for Liquid Handling Technologies in Food and Beverage Applications, by Region, Through 2028

Table 23 : Global Market for Liquid Handling Technologies in Material Sciences Applications, by Region, Through 2028

Table 24 : Global Market for Liquid Handling Technologies in Chemical Manufacturing Applications, by Region, Through 2028

Table 25 : ESG Framework for the Global Market for Liquid Handling Technologies

Table 26 : Liquid Handling Sustainable Materials

Table 27 : Liquid Handling Industry: Social Framework

Table 28 : ESG Ratings of Leading Laboratory Automation Companies

Table 29 : Danaher ESG Strategy

Table 30 : New and Emerging Liquid Handling Technologies

Table 31 : New Liquid Handling Technologies and Products, 2023

Table 32 : Company Market Shares of Liquid Handling Technologies, 2022

Table 33 : Financials for Leading Liquid Handling Companies, 2022

Table 34 : Global Patent Publications Related to Liquid Handling, 2023

Table 35 : Mergers and Acquisitions, 2018-2021

Table 36 : Agilent Technologies: Liquid Handling Products

Table 37 : Agilent Technologies: Recent Developments

Table 38 : Analytik Jena: Liquid Handling Products

Table 39 : Analytik Jena: Recent Development

Table 40 : Art Robbins Instruments: Liquid Handling Products

Table 41 : Beckman Coulter: Liquid Handling Products

Table 42 : Eppendorf SE: Liquid Handling Products

Table 43 : Eppendorf SE: Recent Developments

Table 44 : Roche Holding AG: Recent Developments

Table 45 : Hamilton: Liquid Handling Products

Table 46 : Hamilton: Recent Developments

Table 47 : Mettler Toledo Liquid Handling Products

Table 48 : Opentrons: Laboratory Automation System and Process Portfolio

Table 49 : Opentrons: Recent Developments

Table 50 : PerkinElmer: Liquid Handling Product Portfolio

Table 51 : PerkinElmer: Recent Developments

Table 52 : Sartorius AG: Recent Developments

Table 53 : Tecan: Liquid Handling Products

Table 54 : Tecan: Recent Developments

Table 55 : Thermo Fisher Scientific: Liquid Handling Products

Table 56 : Thermo Fisher Scientific: Recent Development

Table 57 : Acronyms

List of Figures

Summary Figure A : Global Market for Liquid Handling Technologies, by Type, 2020-2028

Summary Figure B : Global Market Shares of Liquid Handling Technologies, by Type, 2022

Figure 1 : Liquid Handling in Pesticides and Fertilizers

Figure 2 : Articles on Laboratory Automation Research, 2018-2022

Figure 3 : Global Market for Liquid Handling, by Equipment Type, 2022

Figure 4 : North American Market for Liquid Handling Technologies, by Equipment Type, 2020-2028

Figure 5 : North American Market Shares of Liquid Handling Technologies, by Equipment Type, 2022

Figure 6 : European Market for Liquid Handling Technologies, by Equipment Type, 2020-2028

Figure 7 : European Market Shares of Liquid Handling Technologies, by Equipment Type, 2022

Figure 8 : Asia-Pacific Market for Liquid Handling Technologies, by Equipment Type, 2020-2028

Figure 9 : Asia-Pacific Market Shares of Liquid Handling Technologies, by Equipment Type, 2022

Figure 10 : RoW Market for Liquid Handling Technologies, by Equipment Type, 2020-2028

Figure 11 : RoW Market Shares of Liquid Handling Technologies, by Equipment Type, 2022

Figure 12 : Global Market Shares of Liquid Handling Technologies, by Region, 2022

Figure 13 : North American Market Shares of Liquid Handling Technologies, by Country, 2022

Figure 14 : European Market Shares of Liquid Handling Technologies, by Country, 2022

Figure 15 : Asia-Pacific Market Shares of Liquid Handling Technologies, by Country, 2022

Figure 16 : Global Market Shares of Liquid Handling Technologies in Biotechnology Applications, by Region, 2022

Figure 17 : Global Market Shares of Liquid Handling Technologies in Pharmaceutical Applications, by Region, 2022

Figure 18 : Global Market Shares of Liquid Handling Technologies in Academic Applications, by Region, 2022

Figure 19 : Global Market Shares of Liquid Handling Technologies in Clinical/Public Health Applications, by Region, 2022

Figure 20 : Global Market Shares of Liquid Handling Technologies in Environmental Applications, by Region, 2022

Figure 21 : Global Market Shares of Liquid Handling Technologies in Forensic Applications, by Region, 2022

Figure 22 : Global Market Shares of Liquid Handling Technologies in Agricultural Applications, by Region, 2022

Figure 23 : Global Market Shares of Liquid Handling Technologies in Food and Beverage Applications, by Region, 2022

Figure 24 : Global Market Shares of Liquid Handling Technologies in Material Sciences Applications, by Region, 2022

Figure 25 : Global Market Shares of Liquid Handling Technologies in Chemical Manufacturing Applications, by Region, 2022

Figure 26 : Liquid Handling Energy Efficiency Model

Figure 27 : Liquid Handling Waste Reduction Model

Figure 28 : Liquid Handling Safety and User-Friendly Design

Figure 29 : Danaher's Sustainability Prioritization Assessment

Figure 30 : Danaher Sustainability Strategy

Figure 31 : Danaher Shared Purpose and Core Values

Figure 32 : Company Market Shares of Liquid Handling Technologies, 2022

Figure 33 : Patents on Liquid Handling Technologies, 2018-2021

Figure 34 : Agilent Life Sciences and Applied Markets Segment: Annual Revenue,

2020-2022

Figure 35 : Agilent Life Sciences and Applied Markets Segment: Revenue Share, by Region, 2022

Figure 36 : Danaher's Life Sciences Segment: Annual Revenue, 2019-2021

Figure 37 : Danaher Life Sciences Segment: Revenue Share, by Region, 2022

Figure 38 : Eppendorf SE: Annual Revenue, 2020-2022

Figure 39 : Eppendorf SE: Revenue Share, by Region, 2022

Figure 40 : Roche: Diagnostics Segment Revenue, by Segment, 2020-2022

Figure 41 : Roche Holding AG: Revenue Share, by Segment, 2022

Figure 42 : Roche Holding AG: Diagnostics Revenue Share, by Segment, 2022

Figure 43 : Mettler Toledo: Annual Revenue, 2020-2022

Figure 44 : Mettler Toledo: Revenue Share, by Region, 2022

Figure 45 : PerkinElmer Inc.: Annual Revenue, 2020-2022

Figure 46 : PerkinElmer Inc: Revenue Share, by Region, 2022

Figure 47 : Sartorius AG: Revenue, 2020-2022

Figure 48 : Sartorius AG: Revenue Share, by Region, 2020-2022

Figure 49 : Tecan: Annual Revenue, 2020-2022

Figure 50 : Tecan: Revenue Share, by Region, 2022

Figure 51 : Thermo Fisher Scientific: Annual Revenue, 2020-2022

Figure 52 : Thermo Fisher Scientific: Revenue Share, by Region, 2022

I would like to order

Product name: Liquid Handling: Technologies and Global Markets

Product link: <https://marketpublishers.com/r/LDCC6595A3FDEN.html>

Price: US\$ 5,500.00 (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/LDCC6595A3FDEN.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