

# Intelligent Pumps Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

## EMBRACING INTELLIGENT PUMPS FOR ENHANCED EFFICIENCY

ARC investigated the global market for intelligent pumps across the process industries. The report provides quantitative analysis of six pump types: diaphragm pumps, submersible pumps, centrifugal pumps, dosing pumps, metering pumps, and positive displacement pumps.

High energy prices are causing manufacturers to be more creative in their efforts to control costs. In pumping systems, energy accounts for more than one-third of total lifecycle costs. Because of the energy intensive nature of pump systems, the energy saving advantages of intelligent pumps will be a significant contributor to growth. Embedded asset management functionality is becoming increasingly desirable as a less costly alternative to manual data collection and inspection.

The deployment of solutions designed to enhance operational efficiency and pro-

duction optimization for process operations is a mature technology, to say the least, with over 90 percent of the operations relying on some form of artificial pumping to enhance (or extend) production. However, adoption of intelligent pumps has been slow to take hold due to many cultural and perceived technical issues such as the need for additional sensors raises increased points of failure or reliability concerns.

ARC believes the intelligent pump market will likely be growing at a more robust pace as it continues to hold its appeal for users, particularly in the form of improved pump uptime and performance that can add material ROI, lower overall operational costs, increase production, increase EOR, and improve profitability.

For more information, please visit us at [www.arcweb.com/market-studies/](http://www.arcweb.com/market-studies/).

## STRATEGIC ISSUES

This report provides strategic market information and guidance for the worldwide intelligent pumps marketplace. It includes quantitative assessments and forecasts of intelligent pumps and segmentations. It addresses key questions relative to the market, such as:

- How large is the market potential?
- Who are the leading suppliers?
- Which regions contain the largest markets?
- What are the strategic issues facing both suppliers and end users?
- Which applications will offer the greatest growth opportunities?

## RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

## RESEARCH FOCUS AREAS

### STRATEGIC ANALYSIS

Major, Regional, and Industry Trends  
Strategies for Success

### COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers

Market Shares by Region

North America

Europe, Middle East, Africa

Asia

Latin America

Market Shares by System Type

Centrifugal Pumps

Diaphragm Pumps

Dosing Pumps

Metering Pumps

Positive Displacement Pumps

Submersible Pumps

Market Shares by Revenue Category

Market Shares by Application

Abrasive

Condensate

Fire Protection

Paper Stock

Sludge

Slurry

Transfer

Water

Market Shares by Industry

Building Automation

Chemical

Electric Power Generation

Food & Beverage

Metals

Mining

Oil & Gas

Pharmaceutical & Biotech

Plastic & Rubber

Pulp & Paper

Refining

Water & Wastewater

Market Shares by Controlled Variable

Market Shares by Project Type

Market Shares by Pump Horsepower

Market Shares by Network Protocol

Market Shares by Sales Channel

Market Shares by Customer Type

### MARKET FORECAST ANALYSIS

Total Intelligent Pump Business

Shipments by Region

Shipments by System Type

Shipments by Revenue Category

Shipments by Application

Shipments by Industry

Shipments by Controlled Variable

Shipments by Project Type

Shipments by Pump Horsepower

Shipments by Network Protocol

Shipments by Sales Channel

Shipments by Customer Type

### INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

Worldwide Intelligent Pumps Market

