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 production 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/.

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

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.

Worldwide Intelligent Pumps Market

![Graph showing worldwide intelligent pumps market from 2017 to 2022]