

NA Dissolved Gas Analyzer Market - Industry Trends and Forecast to 2030

Market Report | 2022-12-01 | 131 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Corporate Users License \$4200.00

Report description:

North America dissolved gas analyzer market is projected to register a CAGR of 7.9% in the forecast period of 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030.

Market Segmentation:

North America Dissolved Gas Analyzer Market, By type (smoke alarms, early warning DGA monitoring, comprehensive DGA monitoring, laboratory services, database software, portable DGA devices), gas type (single gas, multi-gas), technology (gas chromatography, photo acoustic spectroscopy, others), product type (online, portable, laboratory use), extraction type (vacuum extraction or rack method, headspace extraction, stripper column method), power rating (100-500 MVA, 501-800 MVA, 8001-1200 MVA), by country (U.S., Canada, Mexico) Industry Trends and Forecast to 2030

Some of the major factors contributing to the growth of the market are:

- The rise in demand for zero power downtime and power fluctuation
- Rapid growth in construction activities across the region

Market Players

Some of the major players operating in the North America dissolved gas analyzer market are:

- Thermo Fisher Scientific
- Advanced Energy Industries, Inc
- Siemens Energy
- Doble Engineering Company
- Camlin Ltd

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Yokogawa Electric Corporation
- SDMyers
- Agilent Technologies, Inc
- Ap2e
- MM Tech
- Vaisala
- MTE Meter Test Equipment AG
- Drallim Industries Limited
- SRI Instruments,
- HV Hipot Electric Co., Ltd.

Table of Contents:

TABLE OF CONTENTS

1 INTRODUCTION	22
1.1 OBJECTIVES OF THE STUDY	22
1.2 MARKET DEFINITION	22
1.3 OVERVIEW OF THE NORTH AMERICA DISSOLVED GAS ANALYZER MARKET	22
1.4 CURRENCY AND PRICING	23
1.5 LIMITATIONS	24
1.6 MARKETS COVERED	24
2 MARKET SEGMENTATION	27
2.1 MARKETS COVERED	27
2.2 GEOGRAPHICAL SCOPE	28
2.3 YEARS CONSIDERED FOR THE STUDY	29
2.4 DBMR TRIPOD DATA VALIDATION MODEL	30
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	33
2.6 DBMR MARKET POSITION GRID	34
2.7 VENDOR SHARE ANALYSIS	35
2.8 MULTIVARIATE MODELING	36
2.9 COMPONENT TYPE TIMELINE CURVE	36
2.11 SECONDARY SOURCES	38
2.12 ASSUMPTIONS	38
3 EXECUTIVE SUMMARY	39
4 PREMIUM INSIGHTS	42
5 REGIONAL SUMMARY NORTH AMERICA DISSOLVED GAS ANALYZER MARKET	43
6 MARKET OVERVIEW	45
6.1 DRIVERS	47
6.1.1 INCREASING CONSTRUCTION ACTIVITIES ACROSS THE GLOBE	47
6.1.2 TECHNOLOGICAL ADVANCEMENTS IN TRANSFORMER/ GRID PROTECTION	48
6.1.3 INCREASING ELECTRICITY DEMAND ACROSS EMERGING NATIONS ON ACCOUNT OF RAPID URBANIZATION	48
6.1.4 RAPID GROWTH IN UTILITY INFRASTRUCTURE	49
6.1.5 INCREASED ENERGY DEMAND AND THE USE OF SMART GRID TECHNOLOGY IN DEVELOPING NATIONS	50
6.2 RESTRAINTS	51
6.2.1 STRINGENT GOVERNMENT REGULATIONS	51
6.2.2 VERY HIGH INSTALLATION COST	52

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.3 OPPORTUNITIES	53
6.3.1 RISE IN DEMAND FOR ZERO POWER DOWNTIME AND POWER FLUCTUATION	53
6.3.2 STRATEGIC ALLIANCES & PARTNERSHIPS BETWEEN ORGANIZATIONS	53
6.3.3 INCREASING GOVERNMENT INITIATIVES FOR ADVANCED POWER DISTRIBUTION/MONITORING	54
6.3.4 ADVANCEMENT IN THE SELF-DIAGNOSTIC SYSTEM FOR TRANSFORMERS	54
6.4 CHALLENGES	55
6.4.1 DISRUPTION IN THE SUPPLY CHAIN INDUSTRY	55
6.4.2 OPERATIONAL CHALLENGES AND MALFUNCTION OF THE DEVICE	56
7 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY TYPE	57
7.1 OVERVIEW	58
7.2 EARLY WARNING DGA MONITORING	59
7.3 LABORATORY SERVICES	60
7.4 COMPREHENSIVE DGA MONITORING	60
7.5 DATABASE SOFTWARE	61
7.6 SMOKE ALARMS	62
7.7 PORTABLE DGA DEVICES	62
8 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY GAS TYPE	64
8.1 OVERVIEW	65
8.2 MULTI- GAS	66
8.3 SINGLE- GAS	66
9 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY TECHNOLOGY	68
9.1 OVERVIEW	69
9.2 GAS CHROMATOGRAPHY	70
9.3 PHOTO ACOUSTIC SPECTROSCOPY	70
9.4 OTHERS	71
10 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY PRODUCT TYPE	72
10.1 OVERVIEW	73
10.2 LABORATORY USE	74
10.3 ONLINE	74
10.4 PORTABLE	75
11 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY EXTRACTION TYPE	77
11.1 OVERVIEW	78
11.2 HEADSPACE EXTRACTION	79
11.3 VACUUM EXTRACTION OR RACK METHOD	79
11.4 STRIPPER COLUMN METHOD	80
12 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY POWER RATING	82
12.1 OVERVIEW	83
12.2 501-800 MVA	84
12.3 100-500 MVA	84
12.4 801-1200 MVA	85
13 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET, BY REGION	86
13.1 NORTH AMERICA	87
13.1.1 U.S.	92
13.1.2 CANADA	94
13.1.3 MEXICO	96
14 NORTH AMERICA DISSOLVED GAS ANALYZER MARKET: COMPANY LANDSCAPE	98
14.1 COMPANY SHARE ANALYSIS: NORTH AMERICA	98

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15	SWOT ANALYSIS	99
16	COMPANY PROFILE	100
16.1	GE	100
16.1.1	COMPANY SNAPSHOT	100
16.1.2	REVENUE ANALYSIS	100
16.1.3	COMPANY SHARE ANALYSIS	101
16.1.4	PRODUCT PORTFOLIO	101
16.1.5	RECENT DEVELOPMENTS	101
16.2	SIEYUAN ELECTRIC CO.	102
16.2.1	COMPANY SNAPSHOT	102
16.2.2	PRODUCT PORTFOLIO	102
16.2.3	RECENT DEVELOPMENT	102
16.3	HITACHI ENERGY LTD.	103
16.3.1	COMPANY SNAPSHOT	103
16.3.2	COMPANY SHARE ANALYSIS	104
16.3.3	PRODUCT PORTFOLIO	104
16.3.4	RECENT DEVELOPMENT	104
16.4	WEIDMANN ELECTRICAL TECHNOLOGY AG	105
16.4.1	COMPANY SNAPSHOT	105
16.4.2	COMPANY SHARE ANALYSIS	105
16.4.3	PRODUCT PORTFOLIO	106
16.4.4	RECENT DEVELOPMENTS	106
16.5	THERMO FISHER SCIENTIFIC	107
16.5.1	COMPANY SNAPSHOT	107
16.5.2	REVENUE ANALYSIS	107
16.5.3	COMPANY SHARE ANALYSIS	108
16.5.4	PRODUCT PORTFOLIO	108
16.5.5	RECENT DEVELOPMENTS	108
16.6	ADVANCED ENERGY INDUSTRIES, INC.	109
16.6.1	COMPANY SNAPSHOT	109
16.6.2	REVENUE ANALYSIS	109
16.6.3	PRODUCT PORTFOLIO	110
16.6.4	RECENT DEVELOPMENT	110
16.7	AGILENT TECHNOLOGIES, INC.	111
16.7.1	COMPANY SNAPSHOT	111
16.7.2	REVENUE ANALYSIS	111
16.7.3	PRODUCT PORTFOLIO	112
16.7.4	RECENT DEVELOPMENT	112
16.8	AP2E	113
16.8.1	COMPANY SNAPSHOT	113
16.8.2	PRODUCT PORTFOLIO	113
16.8.3	RECENT DEVELOPMENT	113
16.9	CAMLIN LTD	114
16.9.1	COMPANY SNAPSHOT	114
16.9.2	PRODUCT PORTFOLIO	114
16.9.3	RECENT DEVELOPMENTS	114
16.10	DOBLE ENGINEERING COMPANY	115

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

16.10.1 COMPANY SNAPSHOT	115
16.10.2 PRODUCT PORTFOLIO	115
16.10.3 RECENT DEVELOPMENT	115
16.11 DRALLIM INDUSTRIES LIMITED	116
16.11.1 COMPANY SNAPSHOT	116
16.11.2 PRODUCT PORTFOLIO	116
16.11.3 RECENT DEVELOPMENTS	116
16.12 HV HIPOT	117
16.12.1 COMPANY SNAPSHOT	117
16.12.2 PRODUCT PORTFOLIO	117
16.12.3 RECENT DEVELOPMENT	117
16.13 MM TECH	118
16.13.1 COMPANY SNAPSHOT	118
16.13.2 PRODUCT PORTFOLIO	118
16.13.3 RECENT DEVELOPMENTS	118
16.14 MTE METER TEST EQUIPMENT AG	119
16.14.1 COMPANY SNAPSHOT	119
16.14.2 PRODUCT PORTFOLIO	119
16.14.3 RECENT DEVELOPMENT	119
16.15 QUALITROL COMPANY LLC	120
16.15.1 COMPANY SNAPSHOT	120
16.15.2 PRODUCT PORTFOLIO	120
16.15.3 RECENT DEVELOPMENTS	120
16.16 SDMYERS	121
16.16.1 COMPANY SNAPSHOT	121
16.16.2 PRODUCT PORTFOLIO	121
16.16.3 RECENT DEVELOPMENTS	121
16.17 SIEMENS	122
16.17.1 COMPANY SNAPSHOT	122
16.17.2 REVENUE ANALYSIS	122
16.17.3 PRODUCT PORTFOLIO	123
16.17.4 RECENT DEVELOPMENT	123
16.18 SRI INSTRUMENTS	124
16.18.1 COMPANY SNAPSHOT	124
16.18.2 PRODUCT PORTFOLIO	124
16.18.3 RECENT DEVELOPMENTS	124
16.19 VAISALA	125
16.19.1 COMPANY SNAPSHOT	125
16.19.2 REVENUE ANALYSIS	125
16.19.3 PRODUCT PORTFOLIO	126
16.19.4 RECENT DEVELOPMENT	126
16.20 YOKOGAWA ELECTRIC CORPORATION	127
16.20.1 COMPANY SNAPSHOT	127
16.20.2 REVENUE ANALYSIS	127
16.20.3 PRODUCT PORTFOLIO	128
16.20.4 RECENT DEVELOPMENTS	128
17 QUESTIONNAIRE	129

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

NA Dissolved Gas Analyzer Market - Industry Trends and Forecast to 2030

Market Report | 2022-12-01 | 131 pages | Data Bridge Market Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-07"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com