Chemical Biological Radiological Nuclear and Explosives (CBRNE) Detection Equipment Market - By System (Radiation Detectors, Spectrometers, Simulators, Others); By Detection (Chemical, Biological and Others); End User - Forecast (2015-2020)

Description:

"Chemical Biological Radiological Nuclear and Explosives (CBRNE) Detection Equipment Market - By System (Radiation Detectors, Spectrometers, Simulators, Others); By Detection (Chemical, Biological and Others); End User (Defense, Aviation, Government, Others)-Forecast (2015-2020)"

The Chemical, Biological, Radiological Nuclear and Explosive (CBRNe) materials can be either weaponized or non-weaponized; wherein weaponized materials can be released using bombs or blast weapons and non-weaponized ones are identified through contamination of food, livestock and crops. CBRNe materials when released into environment are considered as hazardous materials (HAZMAT) and the devices used to detect these materials are called as CBRNe detection equipment.

The CBRNe equipment involves different systems such as spectrometers, unmanned vehicles, reconnaissance vehicles, training simulators, emergency and first response systems, radiation detectors, standoff & standalone systems, and hazmat suits & protective clothing. Hazmat suits & protective clothing and training simulators are mostly used by the armed forces. CBRNe detection equipment market in hazmat suits & protective clothing is estimated to grow at CAGR of 6.3% during the forecast period 2015-2020 due to the high demand from armed forces. The demand for the hazmat suits is also increasing in other end users to protect the civilians from the Ebola attack. Unmanned vehicles, reconnaissance vehicles and radiation detectors are majorly used by the special forces and armed forces. Training simulator systems, which are used to train the CBRNe saviors have a major share for emergency responders end use with 35% and armed forces with 26% of the total training simulators market in 2014.

In 2014, Americas was the major region for CBRNe detection equipment market across the globe. Spectrometers systems were the majorly used systems in the Americas CBRNe detection equipment market followed by hazmat suits & protective clothing.

CBRNe detection equipment is available in systems such as portable, handled, mounted and others. Portable systems and handled devices have high demand in armed forces and first responders. Mounted and fixed systems are used majorly in industries and laboratories. As the threat may be from any of the type, there are devices for different detection equipment such as chemical, biological, radiological & nuclear and explosive. Among all the detection types, chemical detection units had more demand in 2014 which is more than 4, 00,000 units. Application of the CBRNe equipment is based on the type of system, type of end user and the threat type.

The report analyses the CBRNe equipment market demand with various regions. Competitive landscape for each of the product types is highlighted and market players are profiled with attributes of company overview, financial overview, product portfolio and recent developments.

Some of the major companies that are profiles in this market are:

- Bruker Corporation,
- Smiths Group,
- Thermo Fisher Scientific
- Lakeland Industries Inc.

Contents:

1. CBRNe Detection Equipment - Market Overview
2. CBRNe Detection Equipment-Executive Summary
3. CBRNe Detection Equipment - Market Landscape
   3.1. Product Benchmarking
   3.2. End user profiling
3.3. Top 5 Financials Analysis
4. CBRNe Detection Equipment - Market Forces
   4.1. Market Drivers
      4.1.1. Need For Early Detection of CBRNe Materials and Protection Equipment
   4.2. Market Challenges
      4.2.1. Need For New Products to Monitor Nuclear & Radioactive Materials so as to Control Illicit Trade
      4.2.2. Stringent Regulations to Protect Civilian
      4.2.3. Training The End Users
   4.3. Market Risk Factors
      4.3.1. Inability of Manufacturer to Estimate Profits
   4.4. Attractiveness of the CBRNe Detection Equipment Industry
      4.4.1. Power of Suppliers
      4.4.2. Power of Customers
      4.4.3. Threat of New entrants
      4.4.4. Threat of Substitution
      4.4.5. Degree of Competition
5. CBRNe Detection Equipment Market - Strategic Analysis
   5.1. Value Chain Analysis
   5.2. Opportunities Analysis
   5.3. Suppliers and Distributors
6. CBRNe Detection Equipment Market - By Detection
   6.1. Chemical Detection
   6.2. Biological Detection
   6.3. Radiological and Nuclear Detection
   6.4. Explosive Detection
7. CBRNe Detection Equipment Market - By System
   7.1. Introduction
   7.2. Spectrometers
   7.3. Radiation Detectors
   7.4. Standalone and Standoff Systems
   7.5. Emergency and First Responders Systems
   7.6. Reconnaissance Vehicles
   7.7. Hazmat Suits and Protective Equipment
   7.8. Unmanned Vehicles
   7.9. Training Simulators
8. CBRNe Detection Equipment Market - By End User
   8.1. Introduction
   8.2. Armed Forces
   8.3. Emergency Responders
   8.4. Police Forces
   8.5. Special Forces
   8.6. Fire Brigades
   8.7. Commercial & Logistics Security
9. CBRNe Detection Equipment Market-Geographic Analysis
   9.1. Introduction
   9.2. Americas
      9.2.1. North America
      9.2.2. Brazil
      9.2.3. Argentina
      9.2.4. Mexico
      9.2.5. Others
   9.3. Europe
      9.3.1. U.K.
      9.3.2. France
      9.3.3. Germany
      9.3.4. Eastern Europe
      9.3.5. Others
   9.4. APAC
      9.4.1. China
      9.4.2. South Korea
      9.4.3. Japan
      9.4.4. SE Asia
      9.4.5. India
9.4.6. Others
9.5. Middle East & Africa
9.5.1. Syria
9.5.2. Israel
9.5.3. Egypt
9.5.4. Iraq
9.5.5. Others
10. Market Entropy
10.1. New Product Launches
10.2. M&As, Collaborations, JVs and Partnerships
11. CBRNe Detection Equipment - Company Profiles
11.1. Mirion Technologies, Inc.
11.2. Morphix Technologies Inc.
11.3. Bruker Corporation
11.4. Environics OY
11.5. Smiths Group
11.7. FLIR Systems Inc.
11.8. Bioquell PLC
11.9. PROENGIN SA
11.11. W. B. Johnson Instruments
11.12. GE Measurement & Control Solutions, Inc.
11.13. Owlstone Inc.
11.15. Spectrex Inc.
11.16. Morpho Corporation
11.17. iRobot Corporation
11.19. Scott Safety
11.20. Agilent Technologies Inc.
11.21. Lakeland Industries Inc.
12. Appendix
12.1. Abbreviations
12.2. Research Methodology

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- **Product Name:** Chemical Biological Radiological Nuclear and Explosives (CBRNE) Detection Equipment Market - By System (Radiation Detectors, Spectrometers, Simulators, Others); By Detection (Chemical, Biological and Others); End User - Forecast (2015-2020)
- **Web Address:** http://www.researchandmarkets.com/reports/3339421/
- **Office Code:** SCBR6XJI

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 5250</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 6250</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 8450</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

- **Title:** [ ] Mr  [ ] Mrs  [ ] Dr  [ ] Miss  [ ] Ms  [ ] Prof
- **First Name:** __________________________
- **Last Name:** __________________________
- **Email Address:** * ________________
- **Job Title:** __________________________
- **Organisation:** _______________________
- **Address:** ___________________________
- **City:** ______________________________
- **Postal / Zip Code:** ___________________
- **Country:** ___________________________
- **Phone Number:** ______________________
- **Fax Number:** ________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ___________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World