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US, March 4, 2022 /EINPresswire.com/ -- The <u>cold plasma market</u> was worth USD 1.4 billion in 2020 and is expected to rise to USD 3.5 billion by 2027, with a CAGR of 13.99 percent between 2020 and 2027.

With applications in the textile, culinary, medical, electrical & electronics, and packaging industries, the Cold Plasma Market size is expected to rise steadily throughout the projected period. Product consumption is being driven by decontamination in various food goods like vegetables, fruits, and meats. Its popularity is growing due to its capacity to destroy bacteria without affecting the physicochemical properties of food. The US Department of Agriculture (USDA) has introduced a new therapy known as 'purple blow torches,' which can destroy 99.9% of viruses. These elements are predicted to drive the cold plasma industry forward.

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Segmentation Overview in Global Cold Plasma Market:

The Cold Plasma Market is segmented into four groups: regime, end-use sector, application, and geography. Low and Atmospheric Pressure are the two sorts of regimes in the global Cold Plasma Market. The global Cold Plasma Market is divided into end-use industries such as automotive, electronics & semiconductors, food processing & packaging, medical, aerospace, polymers & plastics, and others. The application sectors of the global Cold plasma Market include Surface Treatment, Sterilization & Disinfection, Coating, Finishing, Adhesion, Wound Healing, and Others. The research covers North America, Latin America, Europe, the Middle East and Africa, and Asia-Pacific.

Industry Overview in the Global Cold Plasma Market:

The study includes detailed references to all major product categories and application factors. The product segment is defined by key player development attributes, sales overview, volume-based returns, and other factors.

Automobiles • Electronics and Semiconductors • Food Processing and Packaging • Medical •
Aerospace • Polymers and Plastics • Others

Application Overview in the Global Cold plasma Market:

The wound healing category is predicted to grow quickly over the projection period. Wound healing, dentistry, cancer, blood coagulation, and other medical applications are all segments of the cold plasma market. Due to the benefits of cold plasma treatment and the fact that it has minimal side effects, making it more practical than previous treatments, the wound healing segment is predicted to grow at the fastest pace during the projection period.

Regional Overview in the Global Cold Plasma Market:

North America, Europe, Asia Pacific, and the Rest of the World are the four geographical regions that make up the Global Cold Plasma Market. North America dominates the cold plasma market due to major industry players and the availability of various FDA-approved products. Technologically advanced items are on the rise, driving the market growth. As COVID-19 levels grow, so does the necessity for plasma therapy. According to a new 2020 study, UCLA engineers and scientists have demonstrated that treatments with near-room-temperature, cold atmospheric plasma can destroy the coronavirus found on various surfaces. According to an examination published in the journal Physics of Fluids, cold plasma has been proved for the first time to successfully and quickly clean surfaces infected with the SARS-CoV-2 virus, which produces COVID-19.

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Global Cold Plasma: Competitive Landscape:

Companies Include Neoplas Tools GmbH, ADTEC Plasma Technology Co., Ltd., Plasmatreat GmbH, Bovie Medical Corporation, Europlasma NV, Tantec A/S, Nordson Corporation, Henniker Plasma, Vetaphone A/S, Linde AG & Other Prominent Players are the key players in the global Cold Plasma market.

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