DAN-TAKUMA Co., Ltd.

Company Description

Dan-Takuma Co., Ltd.: Pioneering Ultra-Clean Environments for Global High-Tech Industries for Over Five Decades

Established on August 21, 1969, Dan-Takuma Co., Ltd. is a specialized solution provider committed to the vital mission of creating and maintaining ultra-clean environments essential for the advancement of the semiconductor and electronic device manufacturing sectors. As a valued member of the Takuma Group, a major Japanese corporation listed on the Tokyo Stock Exchange Prime Market, the company benefits from a solid financial foundation while vigorously pursuing innovation and technical excellence.

The core of Dan-Takuma's business lies in its advanced environmental control technology, which is indispensable for modern high-tech processes where miniaturization requires precision at the molecular and nano-levels. In these critical manufacturing stages, minute concentrations of Airborne Molecular Contamination (AMC), microscopic dust, or even slight deviations in temperature and humidity can prove fatal to product yield and quality. Dan-Takuma's expertise ensures the integrity of these delicate processes.

Guided by Representative Director Yoshiki Kita, the company, with its ¥90 million capital and a dedicated team of 76 employees (as of April 2025), operates with a philosophy centered on delivering "Customer-Centric Solutions." The team collaborates closely with clients to understand their specific, demanding requirements and translates over fifty years of accumulated technical know-how into practical, highly effective solutions. This commitment to practical problem-solving distinguishes Dan-Takuma in the competitive high-tech support market.

Key Service Domains and Technology:

1. **AMC (Airborne Molecular Contamination) Countermeasures:** This involves supplying state-of-the-art chemical filters for the rigorous removal of gaseous molecular contaminants within cleanrooms. Furthermore, the company offers sophisticated monitoring and analysis systems for continuous, real-time surveillance of contamination levels, ensuring a robust, proactive defense mechanism.

2. **Clean Environment Equipment:** Dan-Takuma engineers equipment precisely tailored to the specific anti-dust and anti-pollutant requirements of various production lines. This includes achieving and maintaining molecular-level cleanliness and facilitating ultra-high-precision temperature regulation, which is vital for the most sensitive operations.

3. **Temperature and Humidity Control Systems:** Addressing the increasingly stringent environmental demands imposed by advanced micro-fabrication, the company delivers specialized systems for drying, heat treatment, and meticulous control over both temperature and humidity, all while upholding the required level of environmental purity.

4. **Cleaning Systems:** Beyond standard substrate and wafer cleaning—removing molecular and nano-level contaminants—Dan-Takuma provides customized cleaning services for manufacturing jigs and components. The innovative application of microbubble technology in its advanced cleaning solutions reflects the company's commitment to both high performance and minimizing environmental impact.

5. **Magnetic Shield Chamber-Related Facilities:** For highly sensitive instruments such as electron beam lithography systems and electron microscopes (SEM/TEM), the company develops specialized facilities. These solutions are designed to efficiently attenuate fluctuations in ambient magnetic fields inside the chamber while simultaneously controlling molecular-level cleanliness and chemical concentrations.

Dan-Takuma's clientele is extensive and globally recognized, encompassing leading international and domestic semiconductor and electronic device manufacturers, including major players like the Toshiba Group, INTEL (USA), TSMC (Taiwan), and the Sony Group. Operating from its headquarters in Yokohama and supported by domestic offices in Nagoya, Kyushu, Keihanna, and Tohoku, Dan-Takuma aims to be more than just a supplier; it is a vital solution partner that offers seamless services from planning and sales through to supply, maintenance, and continuous improvement, striving to remain an indispensable presence in the global advancement of high technology.

Company Details

Head Office
Japan

Main Business
半導体・電子デバイス業界向けクリーン環境の創造および維持に必要な周辺設備の供給、ソリューション提供、および保

守サービス。（AMC対策製品、クリーン環境装置、温湿度制御関連装置、洗浄装置、磁気シールドチャンバー関連設備など）

President
喜多 由樹

Established
1969年8月21日

Capital
9,000万円

Number of Employees
51 - 100

URL
https://www.dan-net.com/

Offices

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