

February 4, 2016

Tanaka Precious Metals
Tanaka Holdings Co., Ltd.

TANAKA to Exhibit at MD&M West 2016

Exhibiting ultra-fine wire coiling material and other precious metal materials, produced using unique technologies, for a wide range of applications such as sensors and electrodes



Artist's impression of booth

Tanaka Holdings Co., Ltd. (Head office: Chiyoda-ku, Tokyo; Representative Director & CEO: Akira Tanae) announced today that the manufacturing business of Tanaka Precious Metals, Tanaka Kikinzoku Kogyo K.K. (Head office: Chiyoda-ku, Tokyo; Representative Director & CEO: Akira Tanae), will exhibit at Medical Design & Manufacturing West (MD&M West) 2016, one of the world's largest medical equipment manufacturing exhibitions, which will be held in Anaheim, USA, from February 9 to 11, 2016.

Tanaka Kikinzoku Kogyo develops and manufactures a wide range of precious metal materials, including electrodes and radiopaque markers, utilizing knowledge of precious metals built up over many years. This year marks the company's fourth exhibit at MD&M West, where it will show a lineup of precision machined products made from platinum group metals that require advanced fabrication technologies, in addition to the PtW8 ultra-fine wire coiling material expected to have wide application for sensors, cathodes and other products with superior electrical characteristics. With this exhibition, Tanaka Kikinzoku Kogyo aims to expand its sales channels in the American market, which leads the world in the development of medical equipment.

[Overview of MD&M West 2016]

■Dates: 10am-5pm, Tuesday, February 9 to Thursday, February 11, 2016 (closes at 4pm on final day)

■Venue: Anaheim Convention Center

* Tanaka Kikinzoku Kogyo's booth: No.1894, Level 1, Hall D

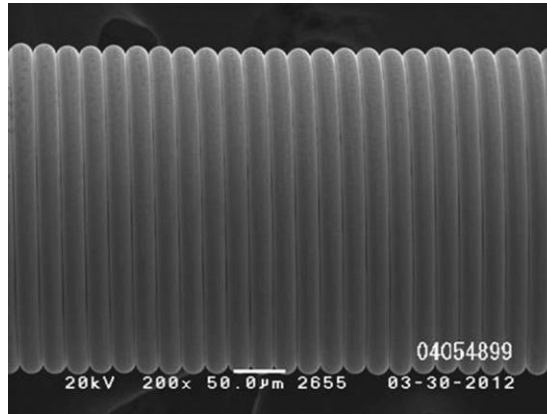
■Main content of exhibit:

<p>PtW8 ultra-fine wire coiling material</p>	<p>Coiling material with superior corrosion resistance and electrical characteristics for a wide range of applications including sensors and electrodes. Exhibition visitors can observe actual continuous lengths of coiling material, applied to these technologies, under a digital microscope.</p>
<p>Precision machined products</p>	<p>Fabricated products utilizing the characteristics of platinum group materials, including high strength, and corrosion and oxidation resistance. Exhibition visitors can view images of prototype electrode sensor materials from digital microscopes and 3D X-ray CT scans.</p>

■Details of Tanaka Kikinzoku Kogyo's Exhibit

1. PtW8 ultra-fine wire coiling material

With its superior corrosion resistance and mechanical characteristics, PtW8 material is widely used for medical equipment. Historically the drawing and coiling ultra-fine wire with diameters of 30 μm or lower often resulted in breakages due to impurities in the material. Tanaka Kikinzoku Kogyo therefore developed a unique manufacturing process using high-purity materials that has improved breakages and has enabled fabrication of ultra-fine wire with a diameter of 10 μm . Visitors to the exhibition will be able to observe actual continuous lengths of coiling material, applied to these technologies, under a digital microscope.



PtW8 ultra-fine wire coiling material (wire diameter: 20 μm ; coil diameter: 300 μm)

2. Precision machined products

Tanaka Kikinzoku Kogyo has fabricated products utilizing the characteristics of platinum group materials, including high strength, and corrosion and oxidation resistance. CNC lathes are used to fabricate shapes according to customer needs, while quality management is conducted using 3-dimensional X-ray computed tomography. Visitors to the exhibition will be able to view images of prototype electrode materials from digital microscopes and 3D X-ray CT scans.

3. Other products fabricated from precious metals

Tanaka Kikinzoku Kogyo will exhibit some of its other precious metal fabricated products and technologies as well.

■Abbreviations

Pt: platinum

W: tungsten

μm : micrometer/micron, 1 μm = one-millionth of a meter

Tanaka Kikinzoku Kogyo representatives will be available to discuss how customer organization can leverage Tanaka's global precious metals technology and industrial product knowledge into your medical products and components. Tanaka's world class capabilities include:

- Leading producer of bonding wire products.
- Leading producer of precious metals for use in automotive switches and relays, and fuel sender card's.
- Tanaka products are used extensively in flex circuitry and electronics applications.

■Tanaka Holdings Co., Ltd. (Holding company of Tanaka Precious Metals)

Headquarters: 22F, Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo

Representative: Akira Tanae, Representative Director & CEO

Founded: 1885

Incorporated: 1918

Capital: 500 million yen

Employees in consolidated group: 3,511 (FY2014)

Net sales of consolidated group: 856.4 billion yen (FY2014)

Main businesses of the group:

Strategic and efficient group management and management guidance to group companies as the holding company at the center of the Tanaka Precious Metals.

Website: <http://www.tanaka.co.jp/english> (Tanaka Precious Metals),

<http://pro.tanaka.co.jp/en> (Industrial products)

■Tanaka Kikinzoku Kogyo K.K.

Headquarters: 22F, Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo

Representative: Akira Tanae, Representative Director & CEO

Founded: 1885

Incorporated: 1918

Capital: 500 million yen

Employees: 1,992 (as of October 1, 2015)

Sales: 872,677 million yen (FY2014)

Main businesses:

Manufacture, sales, import and export of precious metals (platinum, gold, silver, and others) and various types of industrial precious metals products.

Website: <http://pro.tanaka.co.jp/en>

<About the Tanaka Precious Metals>

Established in 1885, the Tanaka Precious Metals has built a diversified range of business activities focused on the use of precious metals. On April 1, 2010, the group was reorganized with Tanaka Holdings Co., Ltd. as the holding company (parent company) of the Tanaka Precious Metals. In addition to strengthening corporate governance, the company aims to improve overall service to customers by ensuring efficient management and dynamic execution of operations. Tanaka Precious Metals is committed, as a specialist corporate entity, to providing a diverse range of products through cooperation among group companies.

Tanaka Precious Metals is in the top class in Japan in terms of the volume of precious metal handled, and for many years the group has developed and stably supplied industrial precious metals, in addition to providing accessories and savings commodities utilizing precious metals. As precious metal professionals, the group will continue to contribute to enriching people's lives in the future.

The five core companies in the Tanaka Precious Metals are as follows.

- Tanaka Holdings Co., Ltd. (pure holding company)
- Tanaka Kikinzoku Kogyo K.K.
- Tanaka Denshi Kogyo K.K.
- Electroplating Engineers of Japan, Limited
- Tanaka Kikinzoku Jewelry K.K.

<Press inquiries>

Tanaka Holdings Co., Ltd.

<https://www.tanaka.co.jp/en/protanaka/inquiry/index.php>