

For Immediate Release

TAIYO YUDEN Introduces its Website for Medical and Healthcare Devices

Publishing Information on TAIYO YUDEN's Products, Solutions, and Services on the Website

TOKYO, October 30, 2014 - TAIYO YUDEN CO., LTD. announced today the publication of its website titled "[Products and services for medical and healthcare apparatus](#)," This new and informative page offers critical and important information on our products, solutions, and services for medical and healthcare devices.

The website has in-depth explanations and easy to follow descriptions on TAIYO YUDEN's products, solutions, and services for a multitude of applications servicing the medical, nursing, healthcare and fitness markets with the focus on providing needed support for resolving customers' challenges in these markets.

■ Main products/services for medical and healthcare devices

▪ Embedded-parts multilayer wiring substrate "EOMIN™" (*1)

The embedded-parts multilayer wiring substrate "EOMIN™," which uses a copper core, has characteristics such as noise tolerance, high rigidity, high heat dissipation, and high reliability, and contributes to a reduction of size and height in the diagnostic apparatus.

▪ Visible light communication module

High-speed communication (max. 100 Mbps) can be performed through general-purpose LEDs. In operating rooms, where radio waves are regulated, wireless inter-device communication can be realized.

▪ Optical displacement sensor

This product is a sensor module that can detect the slightest displacement (0.1 μm), which allows for improved accuracy of torque sensor of the surgical robot arm and of load measurement of medical beds.

▪ Energy device

With a high volume energy density and charging/discharging up to 100,000 times, TAIYO YUDEN's energy devices can be used as backup power sources to address a medical device power interruption caused by momentary power failures.

▪ Bluetooth® (*2) Smart module (*3)

This product can run for more than a year with a single coin cell. It can contribute to a reduction in the development period of wearable devices through a support system that is in accordance with the customers' requirements.

■ Main application examples

Ultrasonic diagnostic apparatus, X-ray devices, high definition monitors, endoscopes, medical beds, thermometers, blood pressure monitors, hearing aids, body composition meters, wearable devices, etc.

In addition, we offer highly reliable products, as well as a complete offering that address solutions and services that combine wireless modules and power supply modules, which comply with a wide range of applications and can address critical customer requirements.

*1 “EOMIN” is a registered trademark or trademark of TAIYO YUDEN CO., LTD. used both for Japan and other countries.

*2 The *Bluetooth*[®] word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by TAIYO YUDEN CO., LTD. is under license.

*3 “*Bluetooth*[®] Smart” is a standard stipulated by Bluetooth SIG, Inc.

The proposed products are expected to be used in medical devices classified as Class I or II under the laws of Japan. If you are examining the use of these products in medical devices classified as Class III or IV under the laws of Japan, be sure to consult us beforehand.

■ Reference: Example of TAIYO YUDEN Website solution page

• [Products and services for medical and healthcare apparatus](#)



• [Multi Functional Fine Surface Coating](#)



• [Bluetooth[®] Smart](#)

