



*Your Courage.*  
Our Care.

***Combining your strengths with ours to create new value***

There are no days off from diabetes – and Terumo understands how some days can be a struggle.

Terumo stands beside patients, offering solutions that reflect our determination to make even a small difference in overcoming those difficulties.

We stand side by side with you on the same mission to support a happier life of patients.

Let's share our passion.

Let's share our potential.

Let's achieve our goal together.

***Enrich your solutions with Terumo's new technologies for blood glucose measurement that contribute to both high accuracy and ease of use.***

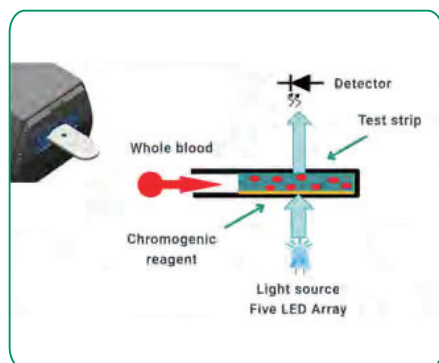
***Let's work together to help make diabetes patients' lives happier.***

**Safe and reliable blood glucose measurement technologies**

- Measurement accuracy of  $\pm 8\%$ \* for appropriate insulin administration
- Heat-resistant technology that maintains measurement performance even at a storage temperature of around 50°C

# Realizing more accurate blood glucose measurement technology for appropriate insulin administration.

**With multi-wavelength sensing and an original analysis algorithm, Terumo's technology has attained measurement accuracy of  $\pm 8\%^*$ .**



## Insulin administration with blood glucose measurement accuracy of $\pm 8\%^*$

In general, it is said that the higher the accuracy, the lower the possibility of developing complications, and the mission of Terumo's blood glucose measurement technologies is to measure blood glucose as accurately as possible. Terumo has achieved measurement accuracy of  $\pm 8\%^*$  by employing 5-wavelength transmitted light measurement and its original analysis algorithm, thereby supporting the optimum amount of insulin administration.



## Heat-resistant reagent that maintains quality even at 50°C

Normally, it is necessary to store the reagent at 30°C or lower for accurate blood glucose measurement. In hotter storage environments, the measurement performance may deteriorate, decreasing the accuracy. Terumo has developed a technology that maintains measurement performance even at storage temperatures of around 50°C.

\* Innovative optical transmission absorbance system to realise  $\pm 5\%$  high accurate BGMS. T. Moriuchi, et al., EASD 2019, ePoster#886.

## Terumo's Strength

### 1. Technology

Develops and provides devices and solutions by applying its advanced technologies and knowhow.



### 2. Manufacturing

Realizes stable mass production of high-quality products with advanced production technology.



### 3. Reliability

Provides comprehensive solutions covering the entire diabetes field in Japan, where medical care is always at the cutting edge, and has been rated highly by doctors and patients.



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For more details, <https://diabetes.terumo.com>