New Column : Customer's Review - CITIZEN Chiba Precision -
Real Voice for purchasing our OS-4100 system:
Frequency Response Software

Customer's Review

In this newsletter, we would like to introduce one of our customer's interview who purchased our OS-4100 system for their precision measurement.

CITIZEN Chiba Precision

Galvanomirror scanner control analysis using OS-4100

◆The challenges to measure their **Galvanoscanner** performance

The Galvanoscanner is equipped with a motor to adjust the scanning angle of the mirror that reflects the laser beam and a high-precision position sensor. It is used in a wide range of applications in combination with laser beam, such as laser markers, microscopes, and LiDAR, and is required to scan mirrors over a wide range at high speed and with high precision.
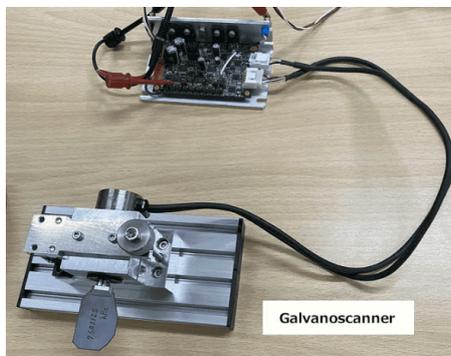
Galvanoscanner

◆**Why Did You Chose Our OS-4100 System?**

Galvanoscanners require high-precision measurement due to precision position control. If the mirror is operated near the resonant frequency, the mirror will vibrate significantly. When it is used in image processing, the image may be distorted.

DS-5000 allows for more accurate measurements thanks to its hardware isolation, high-precision differential, and software auto-resolution feature.

Also, we were able to conduct three types of tests(gain level of small mirror, large mirror and defective mirror) with one device and helped us with reducing labor-hour.

Continue to read: https://www.onosokki.co.jp/English/hp_e/products/application2/galvano_scanner.htm

CITIZEN Chiba Precision Co., Ltd.

has established in 1979 in Chiba, Japan, as a manufacturer of Moving Coil Type DC Motors and changed the name to CITIZEN CHIBA PRECISION CO., LTD. when they joined Citizen Group in 2007.

CITIZEN   https://ccj.citizen.co.jp/en/

◆FFT Analyzer with OS-4100 Frequency Response Analysis Software◆

. The Most Advanced and Fastest **FRA** System
 – Specializing in Measuring Control Characteristics of Motors and Machinery.

   Besides the high specific measurement, we have improved the usability on software in the efficiency,
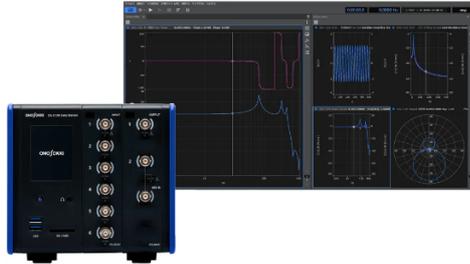
Find more

OS-4100 Software

   This versatile system, as praised by our customers, offers the maximized performance in efficiency at simultaneous measurements across multiple tests, consolidating analysis results, and listing-up major numerical data.

High Speed Multi Analysis
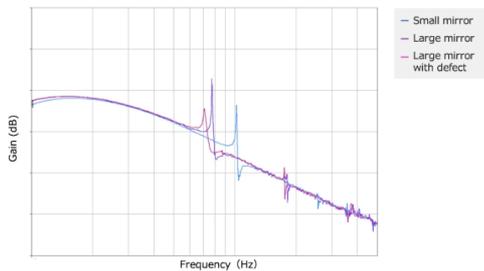
Multi-Window Manager
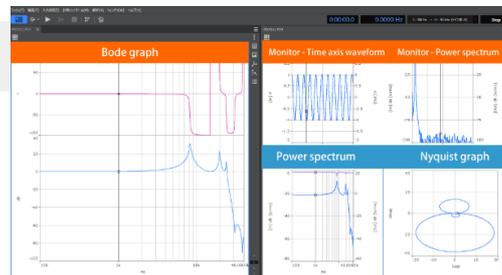
◆CONTACT US: overseas@onosokki.co.jp

◆Overseas Subsidiaries & Distributors
 : https://www.onosokki.co.jp/English/hp_e/company/contents/co_address.html