

Risoh Keisoku K.K.

PRODUCT GUIDE

- Compact Temperature Chamber
RK-10207P
- LED/OLED Tester
- 350°C Compact Thermal Shocker
CHS350
- 200A-1000A Power Module Large
Current Power Supply Equipment
RK-PMPS200/500/1000
- 400°C High Temperature Constant
Temperature Chamber
HTC400

From inquiries to product delivery

Company Guide

Telephone inquiries

Tel.044-750-2888

Weekdays: 9:00~18:00 (except
weekends/holidays)

Mail inquiries

Mail: info@risohkeisoku.com



Hello, my name is Shigenori Usui, CEO of RISOH KEISOKU K.K.

Thank you for visiting our website.

I would like to introduce RISOH KEISOKU K.K. by introducing myself and telling you about our company philosophy.

After graduating in 1976, I became involved in creating small and large systems for an OA manufacturer. "PC" had not yet been invented. This was the time of mainframe computers; mini-computers and 8-bit "micro-computers" were just coming out. I started from designing a printer driver circuit and an HDD I/F circuit, and developing and manufacturing a general purpose computer with similar functions to today's PC. This was a basic machine with a CRT screen, K/B, and 8" floppy disk. In those days, we could use only alphanumeric and katakana characters so I became involved in a project to develop the technology that allowed you to display/save/print/render 24-dot Japanese fonts – the first in Japan. After nine years, I moved Burr-Brown

Japan and designed and developed a 16-bit A/D converter. This was a revolutionary product – a 2-chip hybrid IC which function was realized previously with 20 chips and IC circuits. There was a quick and dramatic 99% drop in price. I also remember making a testing

machine that would be needed every time a new device or We design hardware and software simultaneously. Doing so eliminates all sorts of problems.

I am now CEO of RISOH KEISOKU, but I'm sure there are many people who remember me as a developer of the 16-bit A/D converter PCM77&PCM78 at Burr-Brown Japan. In 1994, I managed Intelligent Instrumentation Japan, a subsidiary of Burr-Brown. In 1996 I established RISOH KEISOKU K.K.

Since then, I have been managing the company for almost 20 years that develops, manufacturers and ships PC-based measurement/analysis/control systems suitable for Japanese market and have also been involved, as a development engineer.

My objective throughout my career has been to create things that are useful and easy to use. I have been devising and developing many systems that are useful, such as an automation system, a quality control system, a miniaturization system, a system that lowers the price of goods, a system that integrates various devices, a measuring/recording/warning system that detects a problem from signals and noise, etc.

My objectives remain the same in the products we develop and provide – our main service is to develop and provide hardware and software for measurement/analysis operations.

I hold two patents, which I obtained by following customer advice, that have been applied in our measurement products.

We also manufacture a large-current output control IC under our own brand, which functions as a core device in test devices for organic EL and LED life time testers and power SiC/GaN semiconductor aging testers, by applying the hybrid IC technology gained from my work at Burr-Brown.

In order to precisely meet the needs of our customers, we need more than ideas... we also need proven technological capability based on a great deal of first-hand experience. If my experience is insufficient, I go out into the field and observe real work before starting a project.

As mentioned earlier, I have been designing and developing systems as an engineer for many years. This lets me solve customer problems by leveraging my experience as well as the technologies that our company can offer.

Recently, there have been many requests to develop environment testing equipments for

SiC semiconductor module and a large-current source system for a power module. SiC semiconductor is a core technology that will enable us to revitalize Japan and world industry.

We want to contribute to revitalizing Japan and world by providing effective products in the area of SiC and GaN power semiconductor / module environment testing equipments.

If you are in need of a measurement/analysis solution – SiC power semiconductor, environment testing device (power module) or large-current driven power system, etc., - let us help you.

お問い合わせから納品までの流れ From inquiries to product delivery

We also offer a consigned testing operation. For details, please contact us.

1 ご相談・ヒアリング Consultation / Survey

We can discuss customer ideas and themes, purposes and requirements in detail. Our CEO, Shigenori Usui, takes part in every meeting, proposing various VAs/VEs. Feel free to talk to us about anything.

2 システム設計 System design

Developing a system that provide the performance a customer wants, requires discussions and solutions for many problems – target functions, noise, heat, and sometimes, water. It's not just about solving these problems but also designing and developing efficient and cost conscious software and hardware that will improve usability and maintenance. A system is designed according to a circuit diagram and with the actual final product in mind so that an "easy to use" and "easy to understand" interface can be implemented.

3 ハードウェア・ソフトウェア設計 Hardware / Software Design

We design hardware and software simultaneously. Doing so eliminates all sorts of problems.

We also develop the hardware in Japan – circuit and PCB designs, and manufacture and design of components, chassis, cases and cables. We can respond to diverse customization requests.

4 組立・配線・検査 Assembly / Cabling / Inspection



It is debugged after the software has been developed. And total system debugging is done.

5 総合デバッグ Debugging



Total system testing including easy to use testing.

6 梱包、納品・立会検査、出荷 Packaging/Delivery/Inspection, Shipment



A professional subcontractor packages the product carefully and then it is shipped. The product is delivered according to customer requirements for delivery/inspection, etc. If you have any requests, please contact us.

For inquiries or comments about our products or services, please contact our help desk. Regardless of the significance of the inquiry, we will respond immediately.

For test operation consignments or equipment rentals, please provide detailed information (including product name).

* If you do not receive a response within 2 days, the message may not have reached us. If this is the case, please call us.

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