

Quality earns trust
Technology ensures preference



NPS Corporatio

Company Profile

Contact Information

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Akita · Japan

Company Overview

Company History

1987: Company Founded

2005: Commenced Medical Device Contract Manufacturing

2008: PSS Capital Participation

Core Business

We specialize in the research, development, design, and manufacturing of Class I and Class II medical devices, with a particular focus on equipment for genetic testing and research applications. In addition, we develop and produce semiconductor-related equipment and printed circuit boards (PCBs) tailored for medical device.

Certifications and Qualifications

August 2005: Certified Medical Device Manufacturer

October 2011: ISO 13485 Certification (Quality Management System for Medical Devices)

August 2015: Successfully completed FDA audit as a medical device manufacturer

Design & Development Capabilities

PCB Design:

Advanced design capabilities for up to 6-layer double-sided mounted boards.

Electrical Design:

Expertise in motor control boards, high-speed serial communication boards for automated equipment, and control systems for pressure ulcer prevention air mattresses.

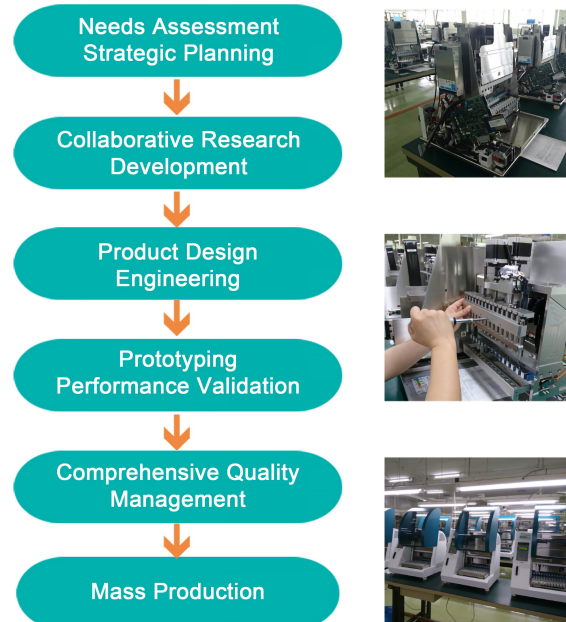
Mechanical Design:

Mechatronic design with extensive experience in medical device development.

Software Design:

Proficient in sequence control, embedded software (C language, bare-metal development), and GUI development using WPF.

End-to-End Development Process



Manufacturing Excellence

We design our own production lines and manage the entire process—from assembly and validation to operation—in-house.

Our internal development of sequence control software enables flexible process modifications even after system implementation.

We provide comprehensive support from the design phase, including:

Jig And Inspection Equipment Development

ROM Programming

Work Instruction Documentation

Production Launch

All without burdening our customers.

With extensive experience in medical device mechanical assembly, we can independently source components based on design specifications.

We excel at creating optimized work instructions and enhancing production efficiency.

Major OEM Achievements

Qiagen Gmb

Automated Nucleic Acid Extraction System

Invitrogen Corporation-Life Technologies Corporation

Automated Nucleic Acid Extraction System

DiaSorin

Molecular Diagnostic Device Utilizing LAMP Technology

Abbott Laboratories -Ibis Biosciences

Fully Automated Sample Preparation System for Bacterial Detection

Precision System Science Co., Ltd.

High-Quality, Cost-Effective Automated Nucleic Acid Extraction System

Bechman Coulter, Inc.

Automated Nucleic Acid Extraction System

