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# UT Aim installs latest semiconductor test equipment to strengthen its ability to develop semiconductor test programs

# Investment in internal equipment to promote human resource development amid increasing demand for semiconductors

UT Aim Co., Ltd. has expanded its development capabilities for semiconductor test programs by introducing the latest semiconductor test equipment at its Semiconductor Development Test Solutions Section in November 2021. UT Aim is a wholly owned subsidiary of UT Group Co., Ltd., which is engaged in indefinite-term worker dispatch in the manufacturing and engineering fields, and specializes mainly in dispatching services in the manufacturing business.



Development site for semiconductor test programs





As semiconductor supply and demand is tight, the testing process responsible for quality control is more important than ever. In 2014, UT Aim's Test Solutions Section took over the service division of a semiconductor equipment manufacturer with a proven track record since the 1980s and has since been operating by leveraging its strength in experienced engineers. We have so far conducted debug evaluations and testing using client companies' equipment facilities. However, we have decided, as a new business phase, to enhance our own development capabilities for test programs and further strengthen human resource development by introducing the latest semiconductor test equipment at our own facilities.

#### 1. Enhanced development of semiconductor test programs

We will carry out development work simultaneously with the test divisions of semiconductor vendors so as to enhance development of test programs that enable efficient volume production of semiconductor products with quality assurance.

#### 2. Development of semiconductor test engineers

Having our own equipment will enable us to promote more effective skills training and development of semiconductor test engineers, which is generally considered to take about five years until completion of the acquisition of basic technical skills.

#### Newly installed equipment

# Advantest's EVA100 (Engineering Model)

The EVA100 is a measurement system consisting of a small, space-saving, dedicated workstation.

# Features

- Multiple testing units (analog and digital) can be stacked together
- System configuration can be changed with single testing unit
- Time for test program development and kick-off can be reduced by utilizing it in combination with volume production models
- Measures can also be taken to deal with aging existing volume production testers

# About the Test Solutions Section

In 2014, UT Group took over the service division of a semiconductor equipment manufacturer with a proven track record since the 1980s and UT Aim's Test Solutions Section now has 120 experienced engineers in various fields of semiconductor products (as of June 2021).

With the goal of "contributing to client companies' development through high-quality technology and people," the Section participates in certain aspects of the software development of testers, including debug evaluations and testing. In the field of semiconductor test development, UT Aim has acquired the





ISO9001 quality management system, enabling it to handle products that have strict quality requirements, such as those for automotive applications.

- **Business activities**
- Semiconductor test systems:
- Semiconductor test applications:
- Design development, maintenance, and operation
- Test program development, volume production support, simplified testing, etc.
- Medical device test verification: Verification of diagnostic ultrasound system operation, test specifications
- IT device kitting:
- Available for a wide variety in small quantity (PC, Android, iOS, etc.)

# Scope of work coverage





#### Features

### A sustainable test engineer development system

As UT Aim, which is engaged in the dispatch of indefinite-term employees mainly in the manufacturing industry, has expanded the dispatch business based on its system to support the career development of employees, it has established a training system that enables even unexperienced test engineers to acquire skills.

When	Item/contents	Remarks
When joining UT Aim	Training for new employees	
Up to 3 months	Training on software (use of Linux and basic C language) and semiconductor testing	Assessment of aptitude, job assignment, and OJT
Up to 1 year	Target: Acquire the third level of Electronics in Semiconductor Engineer Career Certification	Recommend acquisition of other certifications
After 3 years	Results Report Meeting	Employees summarize and present their work experience results

#### [Example] Training schedule for new employees (3 years)

March 31, 2021)

Company Overview		Company Overview
Company name: UT Group Co., Ltd. (listed on the		Company name: UT Aim Co., Ltd.
	First Section of the Tokyo Stock	Address: Denpa Bldg. 6F, 1-11-15 Higashi-
	Exchange)	Gotanda, Shinagawa-ku, Tokyo
Address:	Denpa Bldg. 6F, 1-11-15 Higashi-	Representative: Nobuyuki Tsukui, President
	Gotanda, Shinagawa-ku, Tokyo	Founded: April 14, 1995
Representative: Yoichi Wakayama, President and		Capital: 500 million yen
	CEO	Business activities: Manufacturing dispatch and
Founded:	April 2, 2007	outsourced work; business of
Capital:	680 million yen	receiving and assisting foreign
Business activities: Dispatch of indefinite-term		workers
	employees in areas of manufacturing,	Number of employees: 14,701 (as of March 31,
	design, development, construction,	2021)
	etc.	
Number of employees: 38,527 (consolidated, as of		





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