



Robot Rental Service “RoboRen” Begins Offers Rental of Collaborative Robots “TM Series”

TOKYO, Japan - June 11, 2019 - ORIX Rentec Corporation (“ORIX Rentec”) announced that, starting today, it will launch a service allowing corporate clients to rent the TM Series of Collaborative Robots developed by OMRON Corporation (“OMRON”). This will be handled by RoboRen, ORIX Rentec’s next-generation robot rental service.



OMRON's TM Series of collaborative robots

The TM Series of collaborative, single-arm robots use safe, high-sensitivity sensors to enable them to work alongside humans without the need for a safety fence. The robots are equipped with image processing capabilities that enable pattern matching*¹, barcode reading, and color classification; in addition, due to their five mega-pixel wide-angle lenses—which are equipped as standard—they are not only capable of picking, placing, and assembling parts, they can also carry out inspections, measurements, sorting and other activities that humans use their vision for.

The robot hands are equipped with Plug and Play*² software that enable easy connections and replacements, while Direct Teaching functions enable the robot arm to learn new movements just by moving them manually; there is therefore no need for specialized knowledge of robotic language, and operation is simple. The robots can be easily implemented even by companies that manufacture a wide variety of products and whose manufacturing processes frequently change.

As customer needs continue to diversify, the manufacturing industry has seen an increase in multi-product small-lot production, as well as a shortening of product lifecycles. Flexible production lines that cater to fluctuating demand are becoming necessary, and this has resulted in growing demand for rentals as a means of conducting demonstration tests.

By including basic operation training and telephone support for the duration of the rental, the TM Series rental service enables customers to implement the robots in a smooth manner. The TM Series Six-Month Trial Rental Package starts at 141,000 yen per month for the TM5-900 model, excluding consumption tax. The addition of the TM Series rental service increases the line-up of robots handled by RoboRen to 39 models from 18 manufacturers.

Going forward, ORIX Rentec intends to continue promoting the use of robots; by supporting automation in a wide range of industrial fields, the company intends to help resolve the shortage of personnel in Japan and increase productivity.

*1 “Pattern matching” refers to identifying registered patterns (samples, and templates) from among photographed image data.

*2 When the robot is connected to peripheral devices, Plug and Play enables the corresponding applications to cooperate automatically, and automatically imports devices, and establishes settings. Simply connect (plug) the robot in and it can be used automatically (play).

■ TM Series Product Overview

Product name: TM Series (specs listed below are for the TM5-700)
 Range of movement of arm: 6
 Maximum reach: 700mm
 Maximum payload: 6kg
 Internal camera location: arm part
 Power supply: AC adaptor 100V~240V



■ Rental Service Overview (for the set pictured in the photograph)

Six-Month Trial Rental Package	Monthly Rental Fee (excluding consumption tax)	Total Rental Fee (excluding consumption tax)
<ul style="list-style-type: none"> • TM Series (TM5-900) x1 unit • Mobile Workstation • Dedicated Hand (AGC-OMRON-KIT-85) 	141,000 yen 40,000 yen 30,000 yen	1,266,000 yen (211,000 yen per month x 6 months)
<p>*Prices are accurate as of June 11, 2019 *A total of four models are available to rent: TM5-900, TM5-700, TM12, and TM14 *A delivery fee is payable separately *Other work fees may also be applicable *In addition to AGC-OMRON-KIT-85, other dedicated hands are also available</p>		

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About ORIX:

ORIX Corporation (TSE: 8591; NYSE: IX) is a financial services group which provides innovative products and services to its customers by constantly pursuing new businesses.

Established in 1964, from its start in the leasing business, ORIX has advanced into neighboring fields and at present has expanded into lending, investment, life insurance, banking, asset management, automobile related, real estate and environment and energy related businesses. Since entering Hong Kong in 1971, ORIX has spread its businesses globally by establishing locations in 37 countries and regions across the world.

Going forward, ORIX intends to utilize its strengths and expertise, which generate new value, to establish an independent ORIX business model that continues to evolve perpetually. In this way, ORIX will engage in business activities that instill vitality in its companies and workforce, and thereby contribute to society. For more details, please visit our website: <https://www.orix.co.jp/grp/en/>
 (As of March 31, 2019)

Caution Concerning Forward Looking Statements:

These documents May contain forward-looking statements about expected future events and financial results that involve risks and uncertainties. Such statements are based on our current expectations and are subject to uncertainties and risks that could cause actual results that differ materially from those described in the forward-looking statements. Factors that could cause such a difference include, but are not limited to, those described under “Risk Factors” in the Company’s annual report on Form 20-F filed with the United States Securities and Exchange Commission and under “(4) Risk Factors” of the “1. Summary of Consolidated Financial Results” of the “Consolidated Financial Results April 1, 2018 – March 31, 2019.”