

Yamaha Motor Delivers CELL HANDLER to AIST Streamlining the Cell Culture Process

- Strengthening structure and expanding strategic business areas in
the medical and health fields -

IWATA, December 26, 2022 - Yamaha Motor Co., Ltd. (Tokyo: 7272) is pleased to announce that the Company has delivered the cell picking and imaging system CELL HANDLER, which streamlines the cell culture process, to the National Institute of Advanced Industrial Science and Technology Shikoku Center (AIST SHIKOKU), where the unit is intended to be used for cell research.

In 2017, the Company released the cell picking and imaging system CELL HANDLER that applies industrial robot technology to streamline the cell culture process. CELL HANDLER selects target cells with speed and accuracy that were previously difficult to handle manually, and transfers individually to high-density culture plates, capturing images, and acquiring image information. Using Yamaha Motor's applied surface mounter ultra-high-speed and high-precision pick & place technology, newly developed suction, ejection technology, and photographic/imaging processing technology, the system works to process even finer and fragile cell masses.

After its launch, Yamaha Motor has further clarified target markets through greater understanding of its customers' needs via sales to advanced facilities in cell research and cell therapy.

Yamaha Motor designated several "New Businesses" and "Growth Businesses" as "Strategic Business Fields" in its new Medium-Term Management Plan (2022-2024) announced in February this year. As part of managing its business portfolio, the Company will actively allocate management resources to these businesses in order to develop them into future core businesses. The medical and health field fall under the plan's "Strategic Business Fields". Yamaha Motor aims to further strengthen its structure as a future core business and expand its business here with the creation of greater demand.

Going forward, based on experience in the Japanese market, Yamaha Motor plans to expand into the North American and European markets.



Using CELL HANDLER
at the National Institute of Advanced Industrial Science and Technology Shikoku Center