

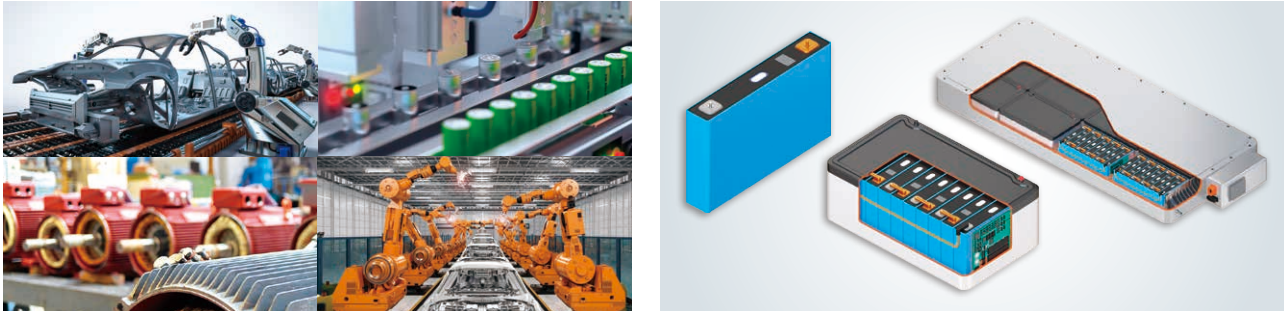
Application Note

— Example Applications —

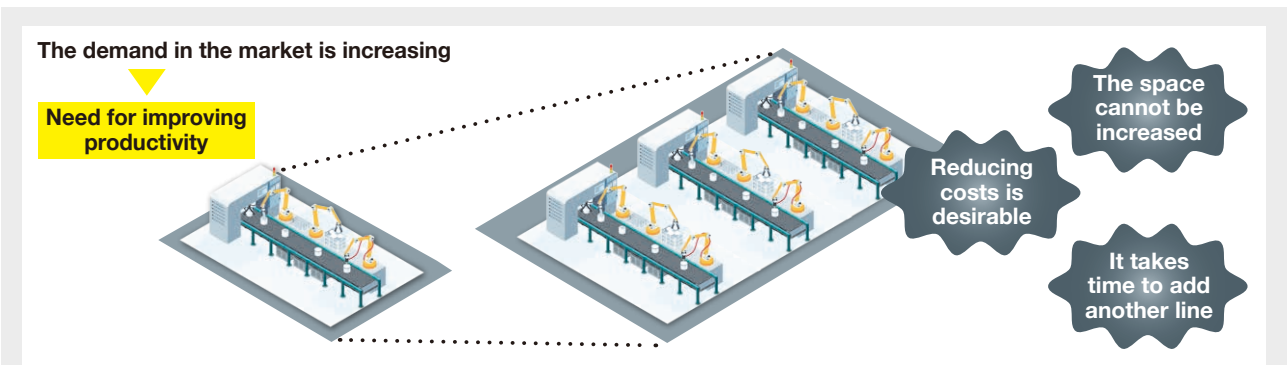
Improving Productivity

Allowing for multi-channel production in the space of the existing production line

The demand for batteries and motors is sharply increasing in various field such as the automobile industry. It is required to improve productivity in a short term in the production line.

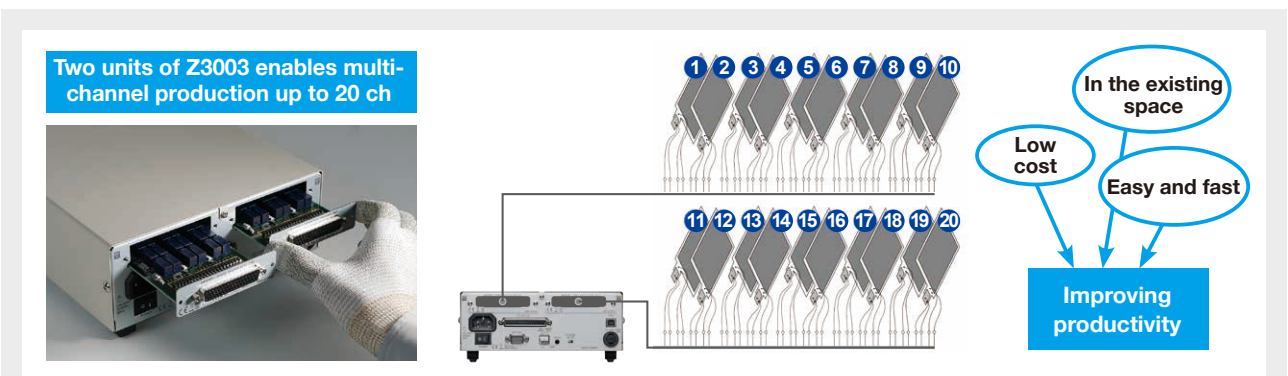


Issue It is necessary to improve productivity, but the space for production line cannot be increased.



It is required to improve productivity in order to meet the rapidly increasing demand. To do that in the space of the existing production line, there are many problems, such as the limit of the installation space, cost, and time for increasing the number of lines.

Solution Multiplexer unit Z3003 enables high-accurate multi-channel production in the existing space.



Up to two Z3003 MULTIPLEXER UNIT can be easily installed to the RM3546. The two units of Z3003 enable high-speed and high-accuracy resistance measurement inspection with maximum 20 ch. When Z3003 is installed to RM3546, which has a VPT function, all channels get the VPT function. Therefore, productivity is improved in the existing installation space.

VPT function: Voltage Protection Technology (the instrument is protected against over-input of up to 60 V)

Instrument used	WELDING RESISTANCE METER	RM3546	Hioki product
	MULTIPLEXER UNIT	Z3003	Hioki product