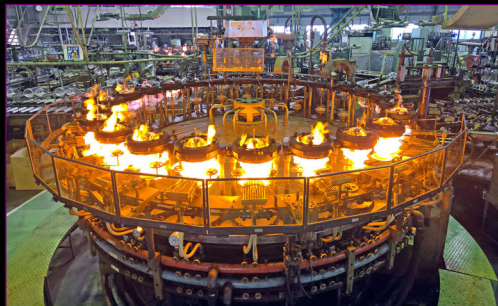
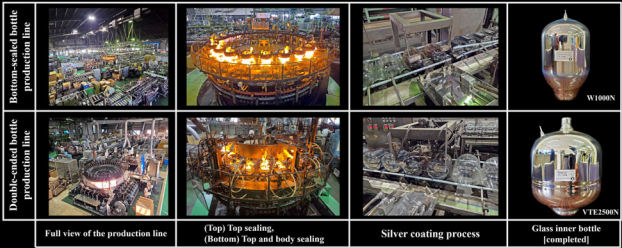


The glass inner bottle production line that shaped Japan's vacuum flask culture

Registration No.	Number 00405		
Registration Date	September 29, 2026	Registration Category	Category 2

Name (Model, etc.)	Manufacturing Equipment for Vacuum Double-Walled Glass Inner Bottles (1) Bottom-sealed bottle production line (2) Double-ended bottle production line
Location	Osaka-shi, Osaka ZOJIRUSHI FACTORY JAPAN Co., Ltd. FUKUMACHI FACTORY
Owner (Custodian)	ZOJIRUSHI FACTORY JAPAN Co., Ltd. (ZOJIRUSHI CORPORATION)
Manufacturer (Company)	(1) Nihon Glass Shoji Co., Ltd. (currently NIPRO CORPORATION) (2) Nissho CORPORATION (currently NIPRO CORPORATION)
Year Manufactured	(1) 1965, (2) 1983
Reason For Selection	This item is the manufacturing equipment for vacuum double-walled glass inner bottles, which was installed in 1965. At that time, driven in part by changes in lifestyle, glass vacuum flasks became an essential household item. Fulfilling this demand was made possible by the (1) bottom-sealed bottle production line. Later, in 1983, a water level indicator was introduced as an added feature for air pots to make the remaining liquid visible. The equipment that manufactures the inner bottles for these products is the (2) double-ended bottle production line. Thanks to continuous maintenance sustained by highly skilled personnel, this equipment is extremely important as it remains fully operational and consistently mass-produce high-quality glass products while preserving the original design standards.
Registration Criteria	1-B (Shows a uniquely Japanese scientific or technological development from an international perspective.) 2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to the Public	Closed to the Public
Photos	 Opening sealing process at the bottom-sealed bottle production line  Bottom-sealed bottle production line Double-ended bottle production line Full view of the production line (Top) Top sealing, (Bottom) Top and body sealing Silver coating process Glass inner bottle [completed]
Other useful information	