

**The world's first wire electrical discharge machine with a minicomputer NC device**

Registration No.	Number 00395		
Registration Date	18 September 2025	Registration Category	Category 1
Name (Model, etc.)	Wire electrical discharge machine EW-20		
Location	Koga, Fukuoka, Japan		
	Seibu Electric & Machinery Co.,Ltd.		
Owner (Custodian)	Seibu Electric & Machinery Co.,Ltd.		
Manufacturer (Company)	Seibu Electric MFG. Co., Ltd. (Current: Seibu Electric & Machinery Co.,Ltd.)		
Year Manufactured	1974 (Everything other than the main unit was manufactured in 1972)		
Year first appeared	1972		
Reason For Selection	This item is the world's first wire electrical discharge machine controlled by Computer Numerical Control (CNC). The preserved machine unit is a mass production model of that type (manufactured in 1974). The attached NC device, power supply, control panel, etc., are equipment from the very first model, which was displayed at the 6th Japan International Machine Tool Fair in 1972. It is important because it was the first wire electrical discharge machine in the world to fully use a modern minicomputer NC device instead of the hard-wired NC, which was mainstream in the 1970s.		
Registration Criteria	1-B (Shows a uniquely Japanese scientific or technological development from an international perspective.)		

Open/Closed to the Public	Open to the Public
---------------------------	--------------------

Photo

