

One of the oldest remaining die-sinking electrical discharge machines equipped with microcomputer numerical control

Registration No.	Number 00375		
Registration Date	September 10, 2024	Registration Category	Category 1

Name (Model, etc.)	Die-sinking electrical discharge machine 22-NC 8000
Location	Miyashiro-cho, Saitama
	Museum of Industrial Technology, Nippon Institute of Technology
Owner (Custodian)	Museum of Industrial Technology, Nippon Institute of Technology
Manufacturer (Company)	Sodick Co., Ltd.
Year Manufactured	1980
Year first appeared	1980
Reason For Selection	This item is a die-sinking electrical discharge machine equipped with microcomputer numerical control that was manufactured in 1980. Sodick Co., Ltd., the company which developed this item, also developed Japan's first die-sinking electrical discharge machine with microcomputer numerical control in a joint development collaboration with Makino Milling Machine company in 1976. By inclusion of a numerical control device, this item enabled synchronous operation of the X, Y, and Z axes together with the U axis which performs electrode swiveling and indexing, and further advanced the electrical discharge machine's application to complex precision molds. This item is important as one of the oldest existing microcomputer numerical control electrical discharge machines.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)

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Other useful information	