

Plain paper photocopier developed with original Japanese technology

Registration No.	Number 00358		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	Canon NP-1100
Location	Ota-ku, Tokyo
	Canon Inc.
Owner (Custodian)	Canon Inc.
Manufacturer (Company)	Canon Inc.
Year Manufactured	1970
Year first appeared	1969
Reason For Selection	It was one of the first plain paper photocopiers developed with original Japanese technology. The new technology to create an electrostatic latent image with a three-layered photosensitive drum consisting of a conductive substrate, photosensitive layer, and insulating layer was called the New Process (NP) method. The NP photosensitive drum has high visible light sensitivity and durability, enabling a reduction in the size of the light source and the adoption of cleaning blades. Furthermore, magnetic brush development was adopted instead of conventional cascade development. It is historically significant as a new plain paper photocopier created with original Japanese technology at a time when the world photocopier market was dominated by the technology of U.S.-based Xerox Corporation.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	