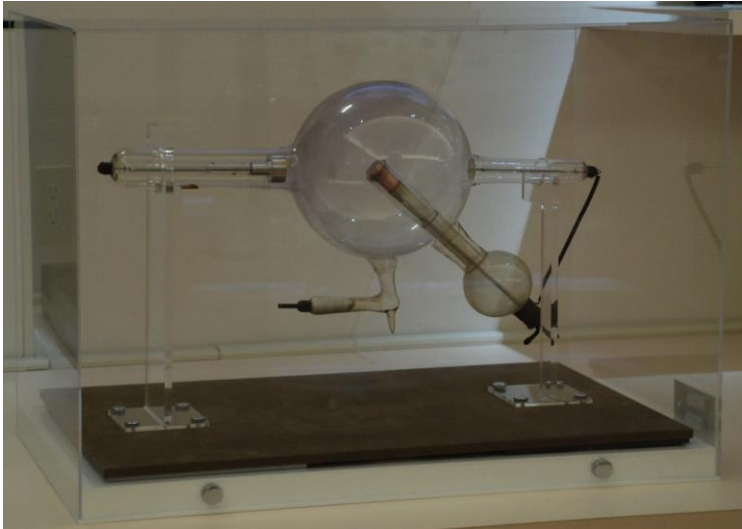


Japan's first x-ray tube

Registration No.	Number 00047		
Registration Date	October 6, 2010	Registration Category	Category 1

Name (Model, etc.)	X-ray tube		
Location	Kawasaki-shi, Kanagawa		
	Toshiba Science Museum, TOSHIBA CORPORATION		
Owner (Custodian)	Toshiba Science Museum, TOSHIBA CORPORATION		
Manufacturer (Company)	Tokyo Electric Company (now Canon Electron Tubes & Devices Co., Ltd.)		
Year Manufactured	1915		
Reason For Selection	<p>X-rays were discovered in 1895 by W.C. Roentgen and by around 1910, the use of x-rays in medicine began in Japan. During that time, the sale of x-ray tubes produced in Germany was under an oligopoly. When World War I broke out, its import was disrupted, greatly affecting the local medical industry. Tokyo Electric Co. then started research on local production of x-ray tubes by making use of the vacuum and tube technologies developed for light bulb manufacture, and in 1915, the GIBA x-ray tube, the first Japan-made x-ray tube, was completed. This triggered the growth of the field of radiology in Japan. The GIBA x-ray tube was named after a famous physician from ancient India.</p>		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

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Photo			
Other useful information			