

Ultra-thin, ultra-high-precision interior wall clock

Registration No.	Number 00301		
Registration Date	September 15, 2020	Registration Category	Category 1

Name (Model, etc.)	Ultra Thin Wall Clock Seiko Emblem HS301		
Location	Chuo-ku, Tokyo		
	The Seiko Museum Ginza		
Owner (Custodian)	Seiko Holdings Corporation		
Manufacturer (Company)	Development & Production: Seikosha Co.,Ltd. (now Seiko Clock Inc.) Sales & Marketing: Hattori Seiko Co., Ltd. (now Seiko Holdings Corporation)		
Year Manufactured	1989		
Year first appeared	1989		
Reason For Selection	The growing use of quartz crystals and ICs meant greater clock accuracy and dramatic advances in integration. Not only did household clocks improve in terms of their basic functions, they also began to diversify, variously becoming more sophisticated and higher in quality, lower in price, more computerized and user friendly, and more entertaining. This resource incorporated a number of developments into its horizontal design concept, including a motor made with a high-performance magnet, high precision ultrathin plastic cogwheels, a high precision ultrathin battery with a 10 year lifespan and an ultrathin low energy quartz crystal oscillator, accurate to within 10s/year. With its bird's eye maple veneer metal casing only 9.5mm thick and the worlds thinnest mechanism at 2.5mm, this household clock featured an exterior, mechanism, motor and high precision quartz crystal module that were unparalleled worldwide. This resource is significant as a piece of Japanese household clock technology.		
Registration Standard	1-B (Show 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.)		

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