

The innovative camera system design that led to the miniaturization of the single-lens reflex camera

Registration No.	Number 00289		
Registration Date	September 15, 2020	Registration Category	Category 1

Name (Model, etc.)	Olympus OM-1
Location	Hachioji-shi, Tokyo
	Olympus Museum, Olympus Corporation
Owner (Custodian)	Olympus Corporation
Manufacturer (Company)	Olympus Optical Co., Ltd. (now Olympus Corporation)
Year Manufactured	Unknown
Year first appeared	1972
Reason For Selection	This camera achieved miniaturization to such extent that it was two-thirds the size (volume ratio) of the average SLR camera in 1972. This miniaturization was achieved to improve the mobility by bold changes to the layout of parts. These changes included shifting the position of the film sensitivity dial to where the shutter dial had been, positioning the relatively larger photometer underneath it and shifting the shutter mechanism to below the mirror box. The camera was also made more lightweight by combining the condenser lens, which had been considered necessary to have above the focusing screen, with the pentaprism and changing the material of the screws from brass to steel. It had a damper installed to reduce the amount of shock when moving the mirror, which was one of the drawbacks with SLR cameras. This camera is important for its major impact on the trends seen in the SLR cameras that followed.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

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