

The first single-lens reflex camera to have a built-in TTL open aperture exposure meter

Registration No.	Number 00288		
Registration Date	September 15, 2020	Registration Category	Category 1

Name (Model, etc.)	TOPCON RE SUPER
Location	Chiyoda-ku, Tokyo
	JCII Camera Museum (Japan Camera Industry Institute)
Owner (Custodian)	JCII Camera Museum (Japan Camera Industry Institute)
Manufacturer (Company)	Tokyo Optical Co., Ltd. (now TOPCON)
Year Manufactured	1963
Year first appeared	1963
Reason For Selection	Single-lens reflex cameras with built-in electric exposure meters have existed since the 1960s. Since a feature of the SLR camera is the ability to view the subject directly through the lens, the concept with this camera was to use through-the-lens (TTL) photometry to measure the light from the subject passing through the lens. This 35mm SLR camera was the first to achieve TTL photometry using a slit in the mirror and having a special photometric element on the reverse side to produce a mirror meter. This camera is packed with innovative features, such as a mechanism for conveying lens aperture information to the body and full aperture metering. The patent for this system was very influential and was used by most camera manufacturers that followed. The 300mm/F2.8 lens and retrofocus wide-angle lens that formed part of the commercialized package were also very highly regarded. This camera is important for its superior systematics and advanced features with innovative technology.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

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