

Mechanical shutter (large diameter and silent type)

MS-LDS

- Large diameter (Maximum ϕ 100mm)
and silent operation
- Long shelf life (50,000 hours in continuous operation)
- Low-vibration, low-heat generation
and low-electricity consumption



MS-CSM / Image

This is mechanical shutter with large diameter, silent operation and low heat generation. It also has long shelf life (50,000 hours in continuous operation).

Various aperture size is available depending on request.

Composition

Mechanical shutter

Driver

Price and lead time

Price : USD 6,900

(Ex-works Japan and without Tax)

Lead time : Around 1-2 months
after order receipt

Application

Switch for high-power laser
and pulse picker

Camera shutter for large size
CCD • CMOS Camera

Interruption of soft X-ray

Microscope and telescope

Spectroscope

Specification

Item	Specification
Clear aperture	60 mm (Maximum 100 mm)
Shutter method	1 blade
Operation	Stepping motor controlled by closed loop
Switching speed	63 ms (low vibration)*
Maximum continuous frequency ratio	7 Hz*
Expected lifetime	Over 10 ⁸ cycle
Operation signal	TTL

* Faster switching speed and frequent ratio are made with some vibration accepted.