Shutter Systems for Microscope | BSH2

Electromagnetic shutter systems for microscope illumination. Compatible with standard existing microscopes and are easy to install and remove. These shutter systems are best suited for microscopy such as multi-point time lapse microscopy and fluorescence microscopy.

- A release shutter with the aperture size of ϕ25mm is utilized.
- Both one axis and two axis controllers are available.
- One axis controllers (SSH-C1RA-H) , Two axis controllers (SSH-C2B) are available.

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Specifications

Part Number	Equipment Configuration	Shatter number [unit]	Controller Part Number
BSH2-RIX-2-1	Olympus IX71, IX81, IX73, IX83 (common to transmitted/epi-illumination)	1	SSH-C2B
BSH2-RIX-2-2	Olympus IX71, IX81, IX73, IX83 (common to transmitted/epi-illumination)	2	SSH-C2B
BSH2-RIX-1-1	Olympus IX71, IX81, IX73, IX83 (common to transmitted/epi-illumination)	1	SSH-C1RA-H
BSH2-RTi-2-1	Nikon Ti, TE2000 (for epi-illumination)	1	SSH-C2B
BSH2-RTi-1-1	Nikon Ti, TE2000 (for epi-illumination)	1	SSH-C1RA-H
BSH2-TTi-2-1	Nikon Ti (for transmitted illumination)	1	SSH-C2B
BSH2-TTi-1-1	Nikon Ti (for transmitted illumination)	1	SSH-C1RA-H
BSH2-R/TTi-2-2	Nikon Ti (for epi-illumination and for transmitted illumination)	2	SSH-C2B

*1 Please check the model and connection type of your microscope.
*2 These sets come with a shutter connecting cable. (Extension cables are sold separately. Please contact our Sales Division for more information.)
*3 No interface cable for connection with a PC is included. (Communication cables are sold separately. Please contact our Sales Division for more information.)
*4 If your microscope is not listed, contact our Sales Division for your custom requirements.

Shutter Controllers

<1-axis type: SSH-C1RA-H>
- Compact controllers that can be operated at hand.
- It is equipped with a standard interface that allows external TTL signal control.
- A foot switch and cable for TTL are optionally available.

<2-axis type: SSH-C2B>
- The timer mode allows adjustment of shutter speed, or setting and control of repetitive operations.
- The demo software "SSH-C2B Demo Software" enables easy PC control. (download is available from our website)

Specifications

Part Number	**SSH-C1RA-H**	**SSH-C2B**
Type	1 axis	2 axes
Control	Bulk	Bulk/Timer
Interface	TTL	RS232C/USB/TTL
External input Signal (TTL)	Open/Close: 5 / 0V	0 / 5V Open/Close or Close/Open (Switching by IO active.)
External Dimensions [mm]	(W)80 × (H)40 × (D)80 *Except for protrusions	(W)220 × (H)75 × (D)180 *Except for protrusions
Weight [kg]	0.3	1.8
Power Supply (Rated)	DC5V *Special AC adapter	DC24V *Special AC adapter
Accessories	AC adapter, TTL, I/F plug, instruction manual	AC adapter, instruction manual

* The appearance and specifications of the product may change without prior notice.