

S10-17



Integrated combination adapter with
built-in beam splitter, camera adapter and yellow filter



C-mount ring

A C-mount adapter is included as standard, and any C-mount type camera can be attached.

*This combination adapter is designed to provide the optimum angle of view on a monitor by attaching a 1/3 inch element CCD camera.

CCD camera centring adjustment

When installing the CCD camera, the centring of the optical axis can be easily adjusted with the set of three screws on the outer circumference of the adapter, and the deviation of the image on the monitor due to the tilt of the CCD element can be corrected.



Beam splitter IN/OUT knob

By turning the knob to IN, the monitor connected to the camera will display the image from the left eye, and the observation become available through the eyepieces and/or on the monitor. Turning the knob to OUT will set it for the observation through the eyepieces only and the image is not displayed on the monitor.



Distance from the eyepieces to the examinee

The beam splitter, camera adapter and yellow filter are built into a compact body and integrated to minimise the distance from the eyepieces to the examinee. As a result, the common operability issue caused by attaching multiple adapters has been eliminated.

Camera image depth aperture - Diaphragm knob

Push/pull the knob to change the depth of focus of the image on the camera. Pull the knob to turn on the focus depth aperture and increase the depth of focus. Push in the knob to turn off the focus depth aperture and reduce the depth of focus.

(When the focus depth aperture is ON, the image will be darker than when the focus depth aperture is OFF.)



Yellow filter IN/OUT knob

High-contrast images can be obtained by using a yellow filter when observing the fluorescein of the cornea. When used with TAKAGI's slit lamps (700GLs, 4ZL, 2ZL), even higher contrast in images will be obtained by best matching with the built-in blue filter.



Contrast comparison of fluorescein observation images

Without yellow filter



With yellow filter



Images provided by Toru Noda M.D.
at Tokyo Medical Centre of National Hospital

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 To ensure safe and correct handling please read the user manual before using.

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