

"Miner's Lamp" Frame

FHS/T01



MG - 1.8; MG - 2.3; MG - 2.7

The magnifier lenses are compatible with both the FHS/T00 goggles and the FHS/T01 miner's lamp, providing 1.8x; 2.3x and 2.7x magnification.

The new emission filter is made of a single, big-surface piece. It is rectangular, which results a clearer field of vision.

This device works as a "miner's lamp" providing maximum freedom to move around during fluorescent protein visualization. With the modular design, you can build the goggles according to your needs.

The light sources and emission filters are available for the typical FPs: ECFP, EGFP, EYFP, RFP and OFP.

The light sources and emission filters are interchangeable, so that the same goggles can be used with different kinds of FPs.

The MG - 1.8, MG - 2.3 and MG - 2.7 magnifier lenses can be attached to the emission filters.

The "Miner's Lamp" operates with four AA size alkaline batteries and the power consumption is so low that under normal usage the batteries will last several months.

The "Miner's Lamp" Frame, the light sources and the emission filters are sold as separate units.

Light Source Model Number	Excitation Wavelength	Emission for Fluorescent Proteins
FS/ULS-02RB	440-460 nm	Cyan
FS/ULS-02B2	460-495 nm	Green & Yellow
FS/ULS-02G2	525-555 nm	Red
FS/ULS-02OR	567-588 nm	OrangeRed

Emission Filter Model Number	Fluorescent Proteins	Open (Wavelength nm)
FS/TEF-1C2	Cyan	480-505 nm
FS/TEF-2G2	Green	500-515 nm
FS/TEF-3GY1	Greens & Yellow	500-650 nm
FS/TEF-3GY2	Green & Yellow	500-550 nm
FS/TEF-4Y1	Yellow	520-650 nm
FS/TEF-4Y2	Yellow	520-550 nm
FS/TEF-4Y3	Yellow	520-540 nm
FS/TEF-4R2	Red	590-660 nm
FS/TEF-4O2	OrangeRed	557-590 nm



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