

**Motic®**

# AE30/31

## Epi-fluorescence Attachment for AE30 / 31 Inverted Microscopes

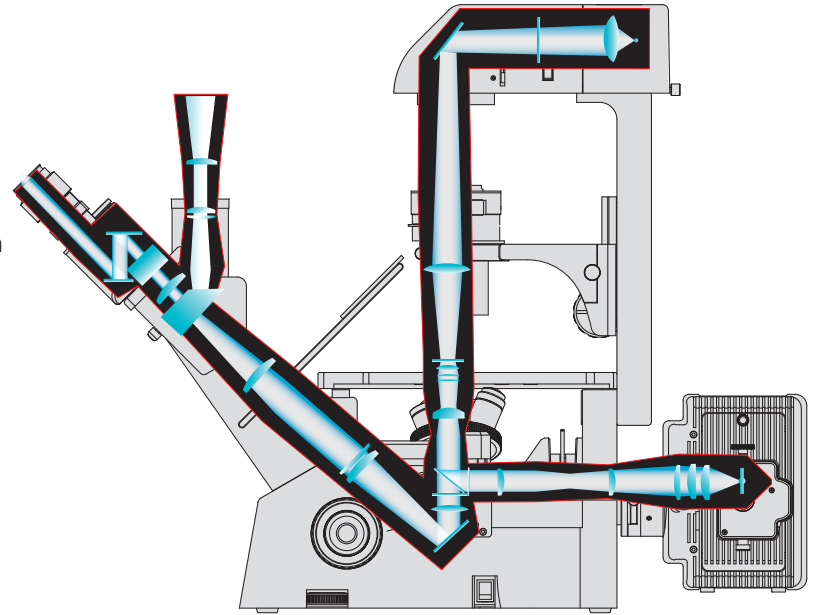
The system is exceptional at handling difficult fluorescence tasks,  
rendering images with outstanding clarity and exceptional contrast



AE31+Epi-fluorescence Attachment

# Combining the Motic AE30/31 CCIS optics with the unique design of epi-fluorescence attachment, a fluorescence image of excellent brightness and sharpness over an extended field of view of FN22 is achieved.

The Motic Epi-Fluorescence microscope is rapidly becoming an invaluable tool of investigation. Its advantages are upon features not readily available in other optical microscopes.



## Fluorescence equipment



## Fluorescence filter modules

FITC FITC/RSGFP/Fluo 3/  
DiO Acradine Orange(+RNA)

AZ1000073

DAPI and Hoechst

AZ1000072

Cy5, Alexa Fluor 633,  
Alexa Fluor 647

AZ1000076

Cyan GFP

AZ1000077



TRITC (Rhodamine)/  
DiI/Cy3

AZ1000074

Texas Red® / Cy3.5

AZ1000075

Yellow GFP BP  
(10C/Topaz)

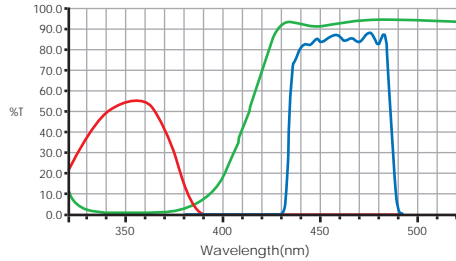
AZ1000079

Endow GFP  
Bandpass Emission

AZ1000078

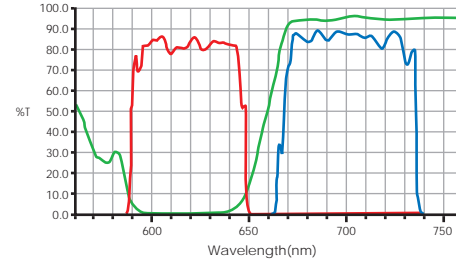
## Fluorescence filter specifications

DAPI and Hoechst



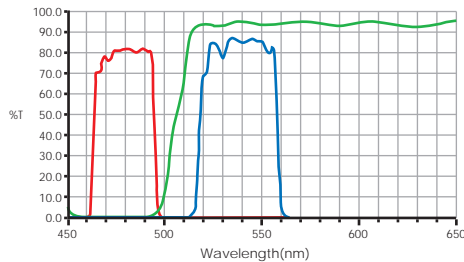
Filter	Wavelength (nm)
Exciter	D350/50x
Dichroic	400DCLP
Barrier	D460/50m

Cy5, Alexa Fluor 633, Alexa Fluor 647



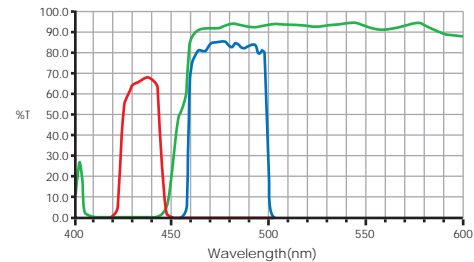
Filter	Wavelength (nm)
Exciter	HQ620/60x
Dichroic	Q660LP
Barrier	HQ700/75m

FITC FITC/RSGFP/Fluo 3/DiO Acradine Orange(+RNA)



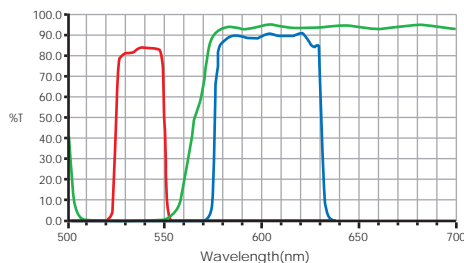
Filter	Wavelength (nm)
Exciter	D480/30x
Dichroic	505DCLP
Barrier	D535/40m

Cyan GFP



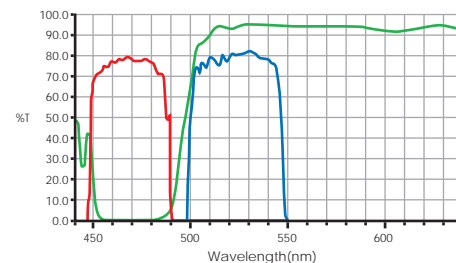
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Exciter	D436/20x
Dichroic	455DCLP
Barrier	D480/40m

TRITC (Rhodamine)/DiI/Cy3



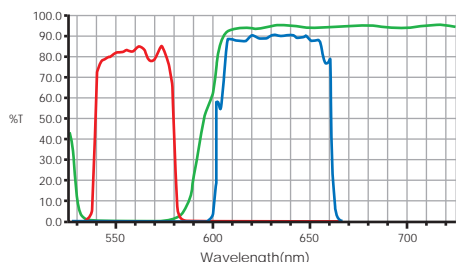
Filter	Wavelength (nm)
Exciter	D540/25x
Dichroic	565DCLP
Barrier	D605/55m

Endow GFP Bandpass Emission



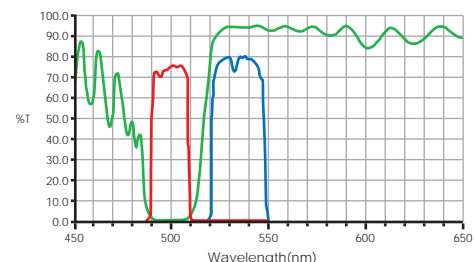
Filter	Wavelength (nm)
Exciter	HQ470/40x
Dichroic	Q495LP
Barrier	HQ525/50m

Texas Red® / Cy3.5



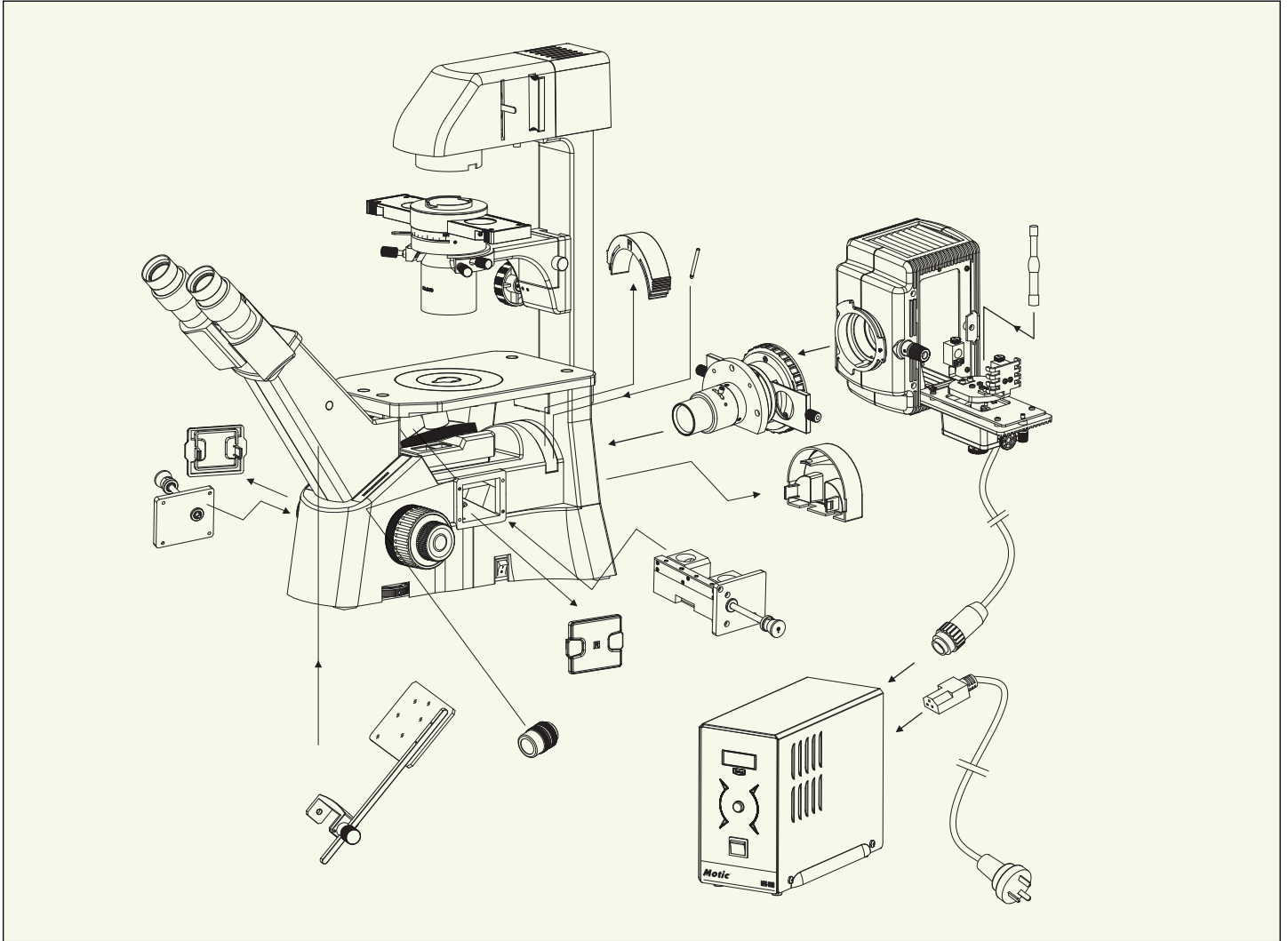
Filter	Wavelength (nm)
Exciter	D560/40x
Dichroic	595DCLP
Barrier	D630/60m

Yellow GFP BP (10C/Topaz)



Filter	Wavelength (nm)
Exciter	HQ500/20x
Dichroic	Q515LP
Barrier	HQ535/30m

# Motic Epi-Fluorescence AE30/31 Assembly



**Motic®**

[www.motic.com](http://www.motic.com)

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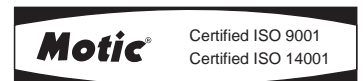
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**Design Change:** The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.

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