

**Available fluorescence filters**

Filter Set	Exciter (nm)	Dichroic (nm)	Barrier (nm)
DAPI and Hoechst	D350/50x	400DCLP	D460/50m
FITC FITC/RSGFP/Fluo 3/DiO Acradine Orange [+RNA]	D480/30x	505DCLP	D535/40m
TRITC [Rhodamine]/Dil/Cy3	D540/40x	565DCLP	D605/55m
Texax Red / Cy3.5	D560/40x	595DCLP	D630/60m
Cy5, Alexa Fluor 633, Alexa Fluor 647	HQ620/60x	Q660LP	HQ700/75m
Cyan GFP	D436/20x	455DCLP	D480/75m
Endow GFP Bandpass Emission	HQ470/40x	Q495LP	HQ525/50m
Yellow GFP BP [10C/Topaz]	HQ500/20x	Q515LP	HQ535/30m



**Plan Fluorites**

Designed for improved contrast and high resolution, the Plan Fluorites are excellent objectives for fluorescence and digital documentation.

Type	N.A.	W.D.	
Plan Fluor 4x	0.13	20.5	-
Plan Fluor 10x	0.3	10.5	-
Plan Fluor 20x	0.5	1.9	-
Plan Fluor 40x	0.75	0.58	-
Plan Fluor 50x	1.0	0.17	Oil
Plan Fluor 100x	1.3	0.2	Oil



# BA-XBE & AE-XBE

## EXTRA BRIGHT EPI FLUORESCENCE



**Motic Incorporation Ltd. (HONG KONG)**

Rm 2907-8, Windsor House, 311 Gloucester Road, Causeway Bay, Hong Kong  
Tel: 852-2837 0888 Fax: 852-2882 2792

**Motic Instruments Inc. (CANADA)**

130-4611 Viking Way Richmond, B.C. V6V 2K9 Canada  
Tel: 1-877-977 4717 Fax: 1-604-303 9043

**Motic Deutschland GmbH (GERMANY)**

Christian-Kremp-Strasse 11, D-35578 Wetzlar, Germany  
Tel: 49-6441-210 010 Fax: 49-6441-210 0122

**Motic Spain, S.L. (SPAIN)**

Poligon Industrial Les Corts, Camí del Mig, 112 08349 Cabrera de Mar, Barcelona Spain  
Tel: 34-93-756 6286 Fax: 34-93-756 6287

Motic Incorporation Limited Copyright © 2002-2008. All Rights Reserved.

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.

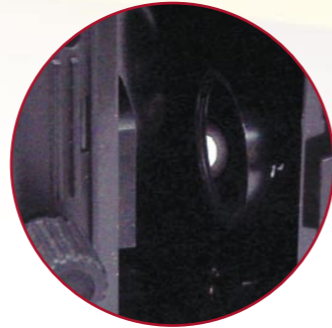


Code No.:1300901303131

Updated 2009.10.23.02

# XBE - Extra Bright Epi Fluorescence

- Improved excitation gives brighter images
- Low power objectives with better illumination
- Easy adjustment with extra fine screws



AE-XBE



BA-XBE

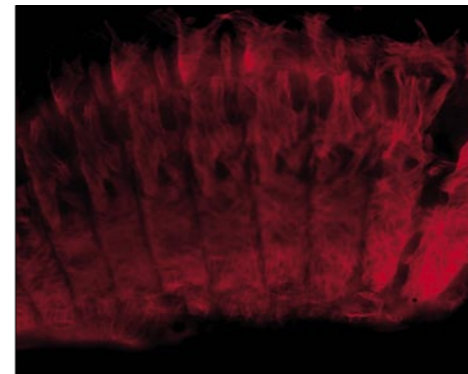
## BA400 and AE Epi Flu Upgrade

- Improved optics and mechanics for reliable results

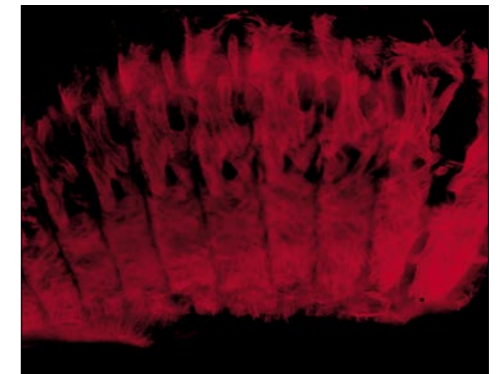
## BA-XBE with Moticam Pro 285A

- More than 65% improvement in brightness

Conventional image



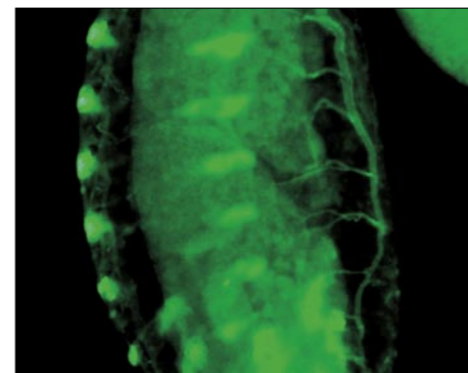
Improved signal by new optical system



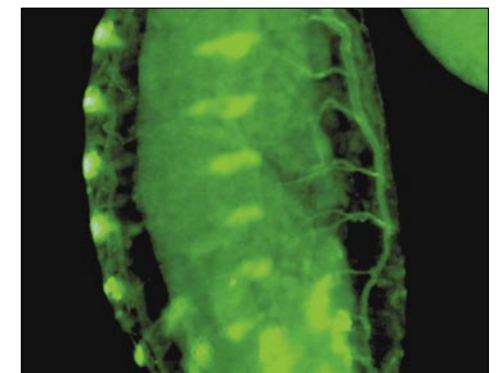
Drosophila embryo, TRITC excitation

## AE-XBE with Moticam Pro 285A

Conventional image



Improved signal by new optical system



Drosophila embryo, FITC excitation



AE-XBE Epi Bridge



BA-XBE Epi Bridge