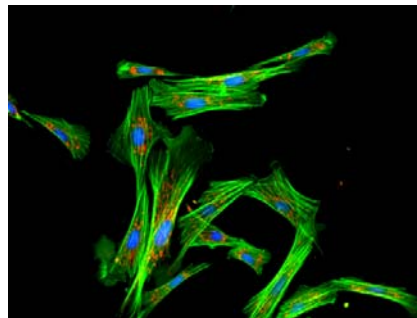
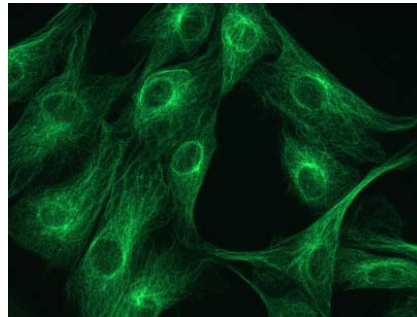


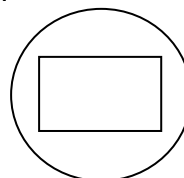
MICROTEC COOLED DIGITAL CCD MICROSCOPE CAMERA MDC- C5F



MDC-C5F Specification

Sensor	Sony ICX282AQ
Sensor format	Interline
Sensor Size	2/3 inch
Pixel size	3.4µm = 3.4µm
Resolution	2580 x 1944
G sensitivity	280mv
Fitting	C-mount
Maximum Frames per second	2.5 fps at 2580 x 1944 10fps at 1280 x 932
Low speed read out	Yes
ADC	12 bit
Peltier cooled	To -30°C below
Power	3.5v
Exposure Control	Automatic/Manual
Exposure Time	0.1ms to 60min
White Balance	Automatic/Manual
PC Interface	USB2.0
USB cable	2.5m
Dimensions	130mm x 111mm x 54mm
Weight	920g
Operational temperature	0 to 60°C
Humidity	10 to 85%
Storage temperature	-20 to 70°C

The MDC-5F camera is recommended when extremely low light level images are being recorded - for example in very low light level fluorescence work.



The camera has a 2/3 inch chip. To achieve the maximum sized rectangle in the visual field a camera adapter around 0,7x is recommended.

Measuring – The software to drive the camera includes facilities to measure length, area, angles, to count and to label. A calibrating stage micrometer is included with each camera.

The resolution of the camera required depends on the size and quality required of the images. The following table gives a guide to the maximum size of images that are recommended with this camera.

Camera	Computer Screen 96ppi	Computer Printer 200ppi	Publishing Quality 300ppi
MDC-5C	27 x 20 inches	13 x 9.5 inches	8.5 x 6.5 inches

Price
MDC-5CF 5 Megapixel camera **£1980.00**

PRICES EXCLUDE DELIVERY AND VAT