OPLENIC

ACM35 Video Camera for Microscope

(35AM, 350K003010RCM)

ACM35 is a video camera professionally designed for microscope. It works perfectly with all kinds of optical microscopes, such as biological microscope, metallurgical microscope and stereomicroscope. The images of the observed specimen or samples will be genuinely displayed on TV screen.

ACM35 employs newly designed optical system of fully coated, based on MTF (Modulation Transfer Function) analysis, for improved image flatness and contrast. The images are brighter and distinct even at the periphery of the field of view. It offers excellent performance when combined with plan-achromatic objectives system.

Especially, it matches the specific characters of microscope, such as the par focalization of objectives.

ACM35 has a wide field, which matches microscope's field of view.

ACM35 is inserted directly into the ocular-tube or the photo-tube for operation. With the adaptor Dia.30mm or the adaptor Dia.30.5mm included, it is also workable on a stereomicroscope.

ACM35 makes the image with true color.

·ACM35 Video Camera Looks Like an Eyepiece. It Can be Easily Inserted into Eyepiece Tube of Microscope. The Video Micro-Image Displays Immediately on TV.Set .It is Suitable for Image Demonstration.· High Resolution TURE COLOR CMOS Chip. 420 TV lines Supplies a Nice Image on TV Set.

350K003010RCM SPECIFICATIONS

Image Sensor	1/3" CMOS chip, 350K pixels, offering color image	
Resolution	VGA (628X582 pixels)	VGA (510X492 pixels)
Output	AV	
Min. illumination	< 5LUX @ F1.4 3000K	
S/N Ratio	40dB	
Power Adaptor	220V / 50Hz-60Hz PAL	110V/50Hz-60Hz NTSC
Exposure	Auto-exposure	
White-balance	White-balance, controlled by a manual button on the body	
View field	Inscribed rectangle of D18 mm	
Mounting port	Microscope ocular-tube or photo-tube	
Accessories	Two adaptors (Dia.30mm, Dia.30.5mm, one each)	
Camera size	Blackened metal body of cylinder shape Dia.50 mm	