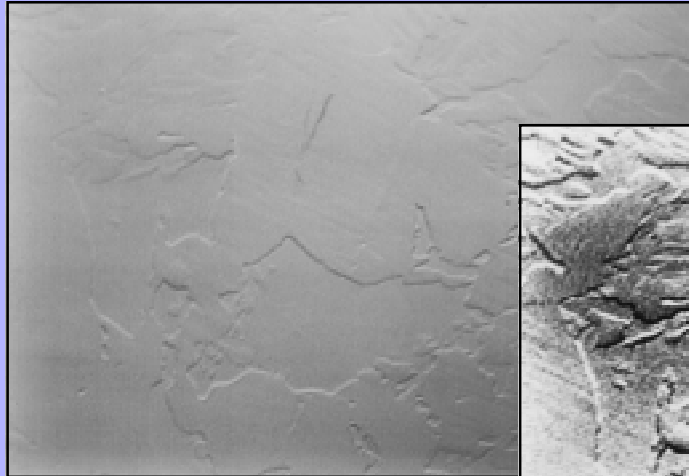


Boeckeler[®] IMG-100

Image Contrast Controller



Left: Video print of an unaltered image of a surface. Right: the same image after being enhanced by the IMG-100 image contrast controller.



Optimize

Video images used in ...

- ✓ Video Microscopy
- ✓ Specimen Observations
- ✓ Inspections
- ✓ Video Print Archives

FEATURES

- **Enhance the gain and tone** of a low-contrast video image so that it can be displayed as an image with high contrast and sharp definition. Conversely, images with extreme contrast may be tempered for optimal viewing of detail.
- **Shading controls** allow easy positioning and sizing of shadows on a video image to achieve uniform, shadow-free illumination or to achieve lighting angles best suited to the application.
- **Automatic/Manual** controls offer operators pre-set contrast values suitable for most applications, or manually adjusted values for specific applications.
- **Inversion** and **color** switches allow operators to achieve a quick negative/positive image or an image without color. **Process bypass** switch allows users to view the image unaltered.

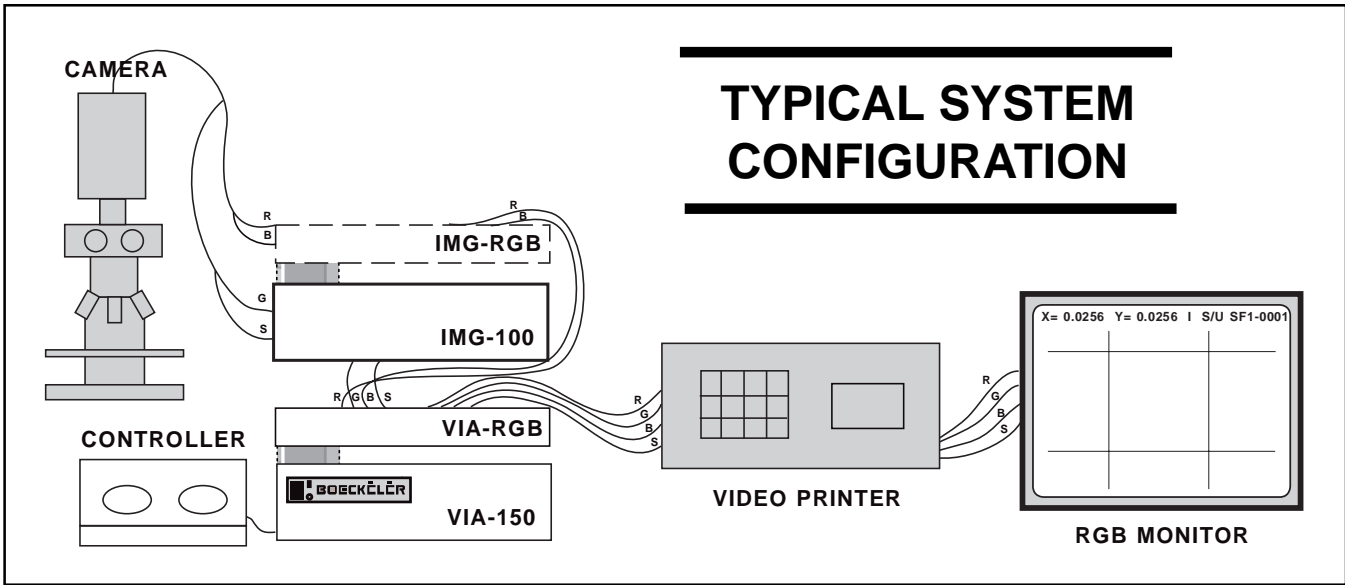
BENEFITS

- **Optimizes the full contrast range** of the specimen or manufactured part to aid in the detection of important details that may otherwise be invisible to the naked eye.
- **Cost effective.** In video microscopy, the IMG-100 provides the similar effects achieved by a variety of microscope accessories, with less-costly image manipulation taking place at the video end of the system.
- **Time effective.** Easy to use. Instead of adjusting microscope light sources, just turn a dial or switch on the IMG-100.
- **A useful tool for photographing countless applications.** Quickly transform negative film to positive, or switch off color to enhance the image for the best black & white video print.

BOECKELER[®]

The IMG-100 may be used to complement Boeckeler VIA[®] video measuring products

TYPICAL SYSTEM CONFIGURATION



TECHNICAL SPECIFICATIONS, WARRANTY, AND SYSTEM REQUIREMENTS

	IMG-100	IMG-RGB Controller (opt)
Video Input	<p>NTSC composite, CCIR (PAL) (BNC x 1) 1.0Vp-p; 75 ohms. <i>If using the optional IMG-RGB controller this connector will be used as ANALOG GREEN (BNC X 1) .714Vp-p without sync, 1.0Vp-p w/sync; 75 ohms)</i></p> <p>Sync: (BNC x 1) .2Vp-p to 5Vp-p; 75ohms</p> <p>Y/C (4-PIN MINI): luminance .714Vp-p; chroma .286V p-p; 75 ohms.</p>	<p>ANALOG RED and ANALOG BLUE (BNC x 2) .714Vp-p, 75ohms.</p>
Video Output	<p>Composite (BNC x 1) 1.0Vp-p, 75ohms; <i>If using the optional IMG-RGB controller this connector provides ANALOG GREEN output (BNC x 1) .714Vp-p without sync; 1.0Vp-p with sync; 75 ohms.</i></p> <p>Sync: (BNC x 1) 1Vp-p; 75ohms</p> <p>Y/C (4-PIN MINI): luminance .714Vp-p; chroma .286Vp-p; 75 ohms.</p>	<p>ANALOG RED and ANALOG BLUE (BNC x 2) .714Vp-p; 75ohms; Includes controls for red and blue. Shading and inversion controlled from IMG-100.</p>
Ambient Temp.	0°C to 55°C	0°C to 55°C
Power Supply	110/220 VAC; .4Amp (60Hz)	Provided by IMG-100 through DB-15
Dimensions	9.9"(W) x 2.6" (H) x 7.0" (D)	9.9"(W) x 1.0" (H) x 7.0" (D)
Approx. Weight	4 lbs.	3 lbs.
Connection to IMG-100	N/A	DB-15
Warranty	1 Year Parts and Labor	One Year Parts and Labor

YOUR BOECKELER DEALER:

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* Made In The USA*