

System Specifications

Camera Head Features and Benefits

Greater light sensitivity: The small $\frac{1}{4}$ " CCD sensor requires less magnification and, therefore, half the amount of light to create the image.

Greater depth of field: The shorter focal length of the coupling optics results in greater depth of field, so objects both near and far appear sharp with less need to refocus.

Higher image clarity: The camera's 400 line resolution enhances image clarity, and the advanced digital electronics monitor the image to correct for brightness variations.

Electronic zoom: The camera's electronic 2X zoom function helps obtain a full screen display, even when using small fiberscopes. Controls are conveniently located on the camera head.

Flexible attachments: The system has been designed to accept several optical systems:

- **Scope Coupler** for "B" style eyepiece (supplied with the standard system) allows the use of non-focusing borescopes and a quick release/attach claw mechanism.
- **Standard "C" mount adapter** (optional)
- **Adapters** available for other scopes

Durability: The head is constructed of aluminum and plastic, so it's lightweight and durable enough to withstand normally encountered industrial abuse. The connecting cable exits the bottom where it is better protected from damage.

Single connector cable: Extension cabling is available.

Ergonomic design: The head fits comfortably in your hand, and the flat head design maximizes clearance in tight spaces.

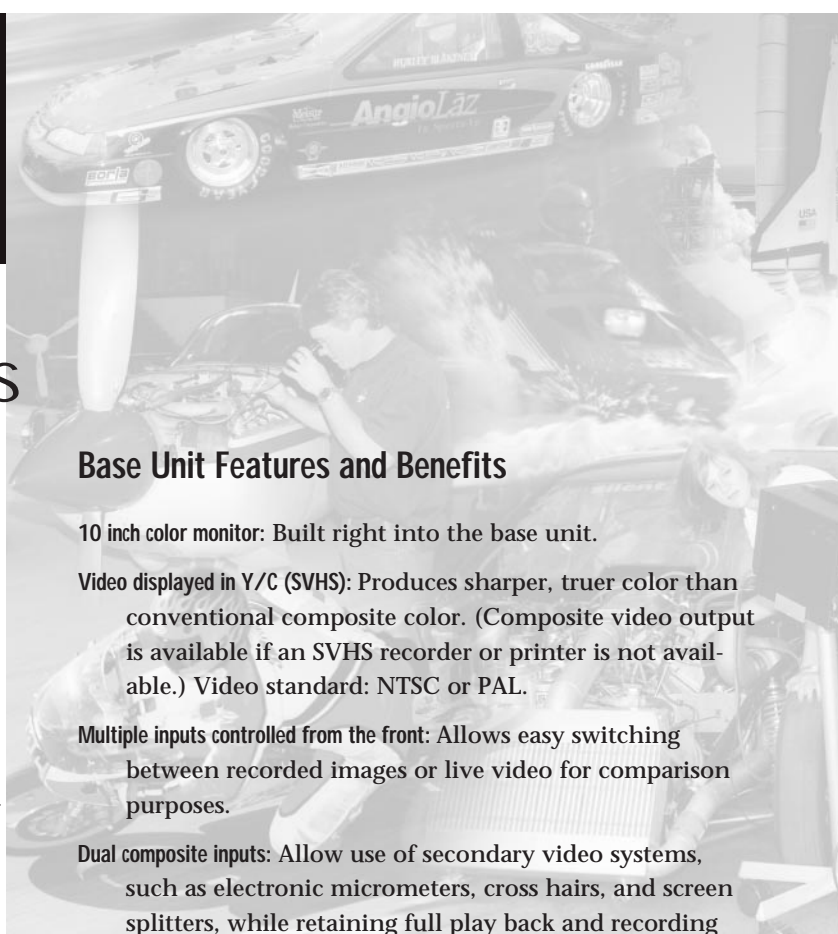
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Base Unit Features and Benefits

10 inch color monitor: Built right into the base unit.

Video displayed in Y/C (SVHS): Produces sharper, truer color than conventional composite color. (Composite video output is available if an SVHS recorder or printer is not available.) Video standard: NTSC or PAL.

Multiple inputs controlled from the front: Allows easy switching between recorded images or live video for comparison purposes.

Dual composite inputs: Allow use of secondary video systems, such as electronic micrometers, cross hairs, and screen splitters, while retaining full play back and recording capability.

Special high intensity low wattage illuminator: Helps create clear, sharp images.

ACMI light guide connector: The most widely used light guide industrial connector system.

Intensity control: Lowers illumination when working at close distances.

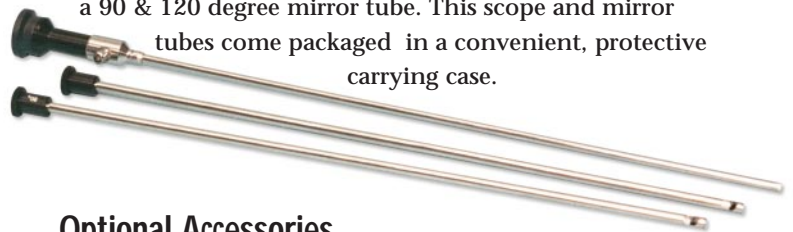
Single connection for power: 120 VAC/60 Hz.

Fully pre-wired video connections: No cables to lose or damage.

Handle: Located on top for easy transport.

VBS/r216.2

This video system comes complete with a 0.216" (5.5 mm) x 15.9" (400 mm) achromatic lens borescope and a 90 & 120 degree mirror tube. This scope and mirror tubes come packaged in a convenient, protective carrying case.



Optional Accessories

- C Mount Adapter
- Shipping Case
- Cart