

# Dage 70 Series

## Real-Time Video Camera

DAGE-MTI

dage technologies



### Features and Benefits

The 70 series real-time video camera is ideal for applications requiring high resolution and precise automatic or manual operation. Designed for quantitative analysis, the front panel controls offer extended gain and black level offset ranges to allow maximum contrast for low contrast imaging.



Sample Image from the 70 Series

Real-Time Video Output	Operation at 30 fps
High Resolution	Up to 1000TV lines Resolves very fine detail
Image Tubes	Newwicon (response from 400-850nm) Lead Sulfide (response up to 2200nm)
Designed for Quantitative Analysis	Precise, lockable controls for calibrated measurements
Adjustable Image Enhancement	Automatic/manual gain control Automatic/manual black level control Aperture and bandwidth control for optimum sharpness with minimum noise Gamma provides setting of linear for quantitative measurements or compensation for CRT display to improve low contrast images
High/Low Gain Switch	Provides additional gain boost for low contrast images
Polarity Reversal	Provides inverted grey scale output
Grey Scale Stretch levels	Provides a six-fold amplification of user selected grey
Two-Piece Design	Allows for convenient desk-top control of image enhancement features Extended cable lengths available
Ten-Step Grey Scale Test Signal	Allows the user to quickly and correctly set the contrast and brightness on a monitor

Well suited for the following applications:

- Brightfield, Phase Contrast, and Darkfield Microscopy
- Electrophysiology
- Semiconductor Inspection
- Manufacturing Quality Control
- Failure Analysis
  
- Teaching Environment

