Introducing Remote Optics for use with High-Speed Cameras

By NAC Image Technology

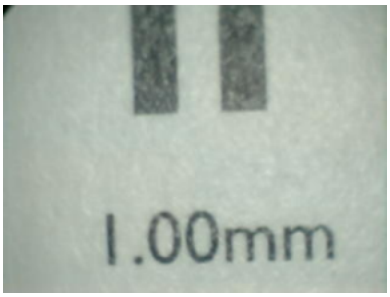

Image captured using a 10mm, forward (0) line of sight zoom rigid borescope and Xenon lightsource at 5,000 frames per second.

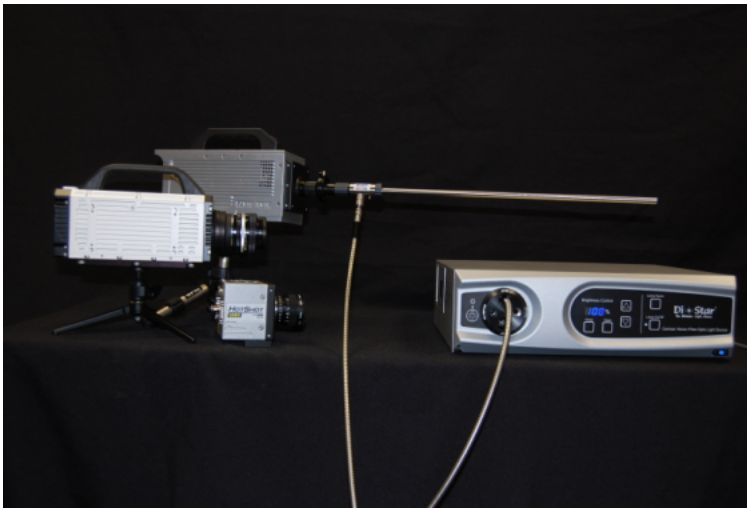

Image captured using a 10mm, right angle (90) line of sight zoom rigid borescope and Xenon lightsource at 5,000 frames per second.

NAC Image Technology introduces a line of remote optics that enable sight into areas that are otherwise inaccessible. The barrier or impedance maybe physical (i.e. bore hole) or environmental (i.e. elevated temperature or pressure). These rigid borescopes and flexible fiberscopes offer seamless integration with all of our high-speed cameras. Our remote optics and vision systems are specifically designed to address the demanding performance requirements of high-speed motion analysis applications. NAC combines a variety of scopes, light guides and high intensity light sources to meet your application requirements. With a NAC high-speed camera and remote visual system, you can now see what you have been missing.

Features

•Scope Diameter	Access openings as small as 1/2” (12mm) in diameter.
•Scope Length	Optic lengths up to 39.5” (1 meter) long.
•Field of View	Various fields of view are available ranging from 20 to 100 degrees.
•Line of Sight	Line of sight or direction of view options include: forward (0), forward oblique (45), right angle (90), and retro oblique (120).
•Light Sensitivity	NAC offers the industry’s most light sensitive high-speed cameras ideal for use with remote optics like borescopes and fiberscopes.
•Illumination Options	A variety of light guides and light sources are available to suite most applications and budgets.
•Special Considerations	NAC offers a variety of specialized scopes including: zoom, scan/zoom, 370 degree orbital scan, swing prisms, and high temperature options.