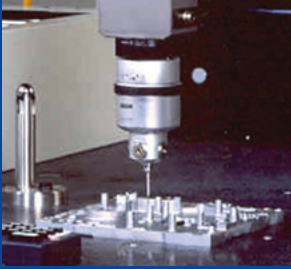**nit americas**
INCORPORATED

HotShot e64

The HotShot e64 Complete Digital High-Speed Imaging & Analysis System ...all for less than $10,000

The HotShot e64 is designed to be an all-inclusive easy-to-use, popularly priced, out-of-the box solution for a multitude of high-speed applications including: manufacturing, research, design & test, production and veterinary / human biomechanics analysis, to name a few.

The HotShot e64 is a revolutionary High-Speed Imaging and Analysis System providing the user with ALL the components necessary to capture and analyze high resolution, high speed images:

- Small, compact, light sensitive e64 high-speed camera
- 4m *GiGE* Cable / Power Supply Camera
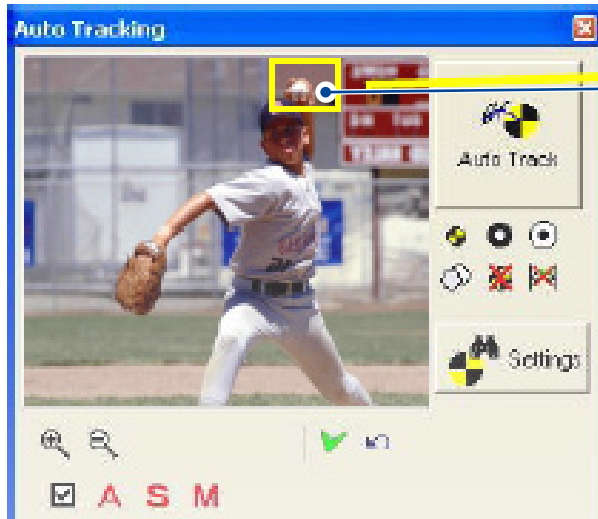- Control Console Motion Analysis Software

The HotShot e64's built-in Motion Analysis Software turns the high-speed camera into a non-contact test instrument allowing the user to measure and track an object's velocity, position, size, location, acceleration, displacement and trajectory as well as many other characteristics. Analysis results can be instantly graphed / reviewed and exported to a variety of output formats for further analysis or presentation purposes.

The HotShot e64 is an innovative, powerful tool for video capture and motion analysis. This user-friendly system makes it easy to extract, analyze and report motion from video for an unlimited number of applications. ...and best of all—it's priced to fit demanding budgets!

What makes the HotShot e64 High-Speed Motion Analysis System so unique?

No other high-speed system on the market today provides a high-speed camera, a comprehensive motion analysis software package AND a camera control console together for under $10,000. The HotShot e64 Digital High-Speed Imaging and Analysis System is all-inclusive!
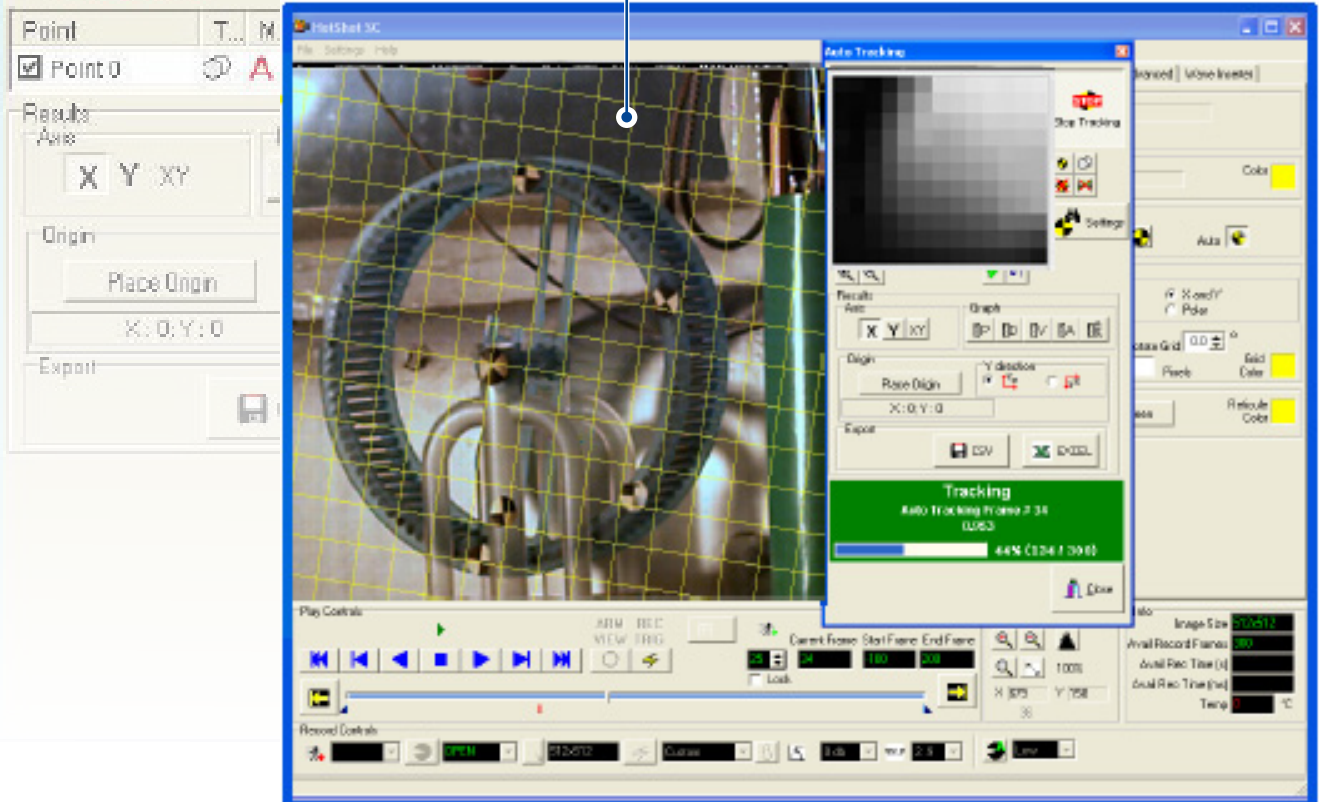

The HotShot e64 Motion Analysis Software allows you to:

Track targets within the image. The HotShot e64's Motion Analysis Software capitalizes on nit Americas' expertise in high-speed image capture and image analysis, presented in an intuitive, easy-to-use software system. The software automatically tracks up to three points in the image sequence or manually tracks up to ten (10) points. The results are saved as *.CSV files and can be exported to a variety of spreadsheet applications for further analysis.

Generate Results Quickly. The HotShot e64 Motion Analysis Software gives the user more flexibility in selecting the types of analysis to be performed, including, trajectory, position, displacement, velocity and acceleration.

Apply a grid overlay to your image. Grid lines can be horizontal, vertical, both horizontal AND vertical, or Polar. The X&Y axes can be rotated by user-specified increments to aid the user in motion analysis.

HotShot e64 High-Speed Camera. The e64 captures crisp, clear images at 250 fps at full VGA resolution and can capture images at up to 2,000 fps at reduced resolutions. The camera utilizes standard C-Mount and F-Mount lenses.