APPLICATION SHEET



CHRONOS HIGH SPEED CAMERAS for **RESEARCH & DEVELOPMENT**

Chronos high-speed camera systems offer the framerate, video quality and affordability that Researchers require for measuring Motion Analysis, Fluid Dynamics, or Schlieren Imaging.

HIGH

FRAME-RATE RESOLUTION

1,000-40,000

Scales with resolution

Up to 1080 resolution

HIGH

Colour or Monochrome **FASY**

ACCESSIBILITY

5" Display

Easy-to-use interface



Chronos 1.4 **High Speed** Camera

Chronos 2.1-HD High Speed Camera



IDEAL FOR R&D

The Chronos high-speed camera series offer an all-in-one, high-resolution, high framerate solution that empowers data analysis from some of the top R&D facilities and Universities in the world.

The budget-friendly series is ideal for university R&D, and applications including Vibration Analysis, Fluid Motion, Schlieren Imaging, and Particle Image Velocimetry (PIV). Get up and running in minutes with the easy-to-use interface and extend the functionality with accessories such as microscope lenses, and high-speed lighting.

KEY FEATURES

Frame-Rate/Resolution

1.4: 1069FPS @ 1280x1024px **1.4:** 40,413FPS @ 320x96px **2.1-HD:** 1000FPS @ 1920x1080px **2.1-HD:** 24,046FPS @ 640x96px

Storage 8GB; 16GB; 32GB

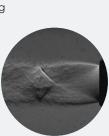
Display 5" capacitive touch screen, 1000 nit

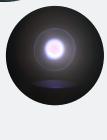
Lens Mounts C, EF, F, MFT compatible

Record Time 3-16 seconds (depending upon model)

APPLICATIONS

- Fluid Dynamics
- **Ballistic Testing**
- Vibration Analysis
- Schlieren Imaging
- Biomechanics
- Particle Image Velocimetry
- Particle Tracking Velocimetry
- Optical Flow Testing
- Impact Testing
- Materials Testing







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