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**	HIGH **RESOLUTION**	EASY **ACCESSIBILITY**
1,000-40,000 FPS	**Up to 1080p resolution**	**5" Display**
Scales with resolution	Colour or Monochrome	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 | **2.1-HD:** 1000FPS @ 1920x1080px
1.4: 40,413FPS @ 320x96px | **2.1-HD:** 24,046FPS @ 640x96px

Storage
8GB; 16GB; 32GB

Display
5" capacitive touch screen, 1000 nit

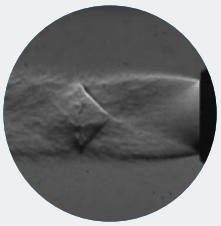
Lens Mounts
C, EF, F, MFT compatible

Record Time
3-16 seconds (depending upon model)

**Specs dependant 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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