



C1-300k

High-Speed Line Scan Optical
Extensometer

C1-300k mounted
with the WS1-16" LED Ring Light,
and the QSTM-1000,
Servo Mechanical Testing System



**MADE IN
THE USA**

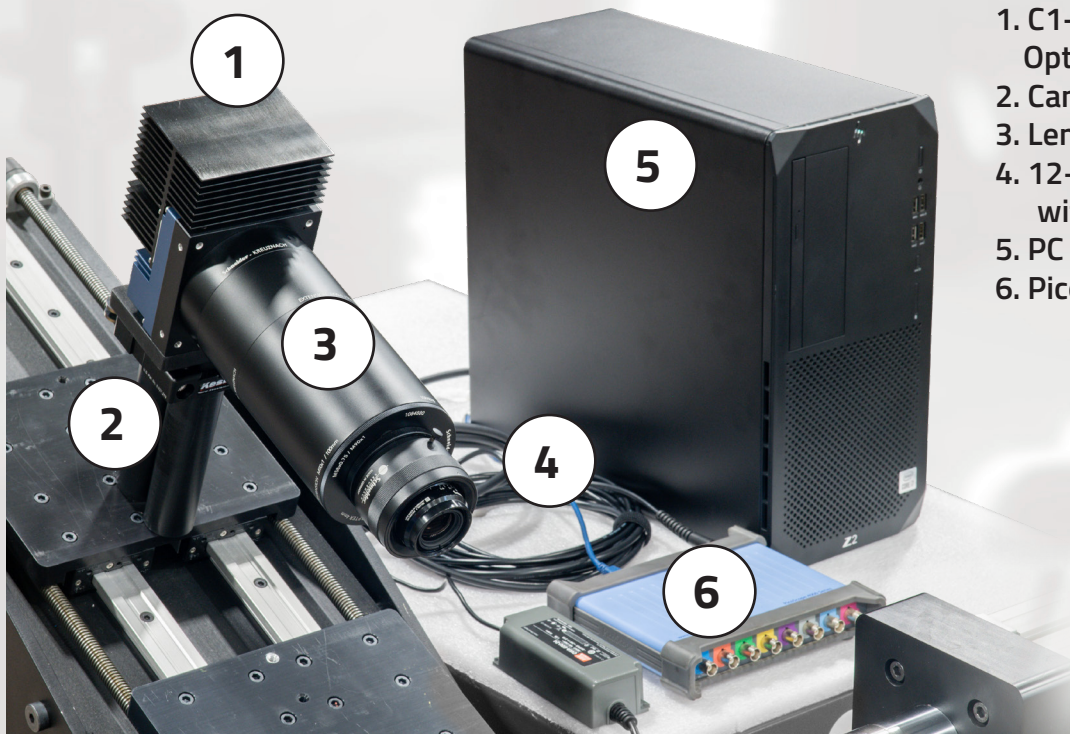
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The high-speed optical extensometer brings high resolution non-contact strain measurement to the high strain rate test lab. Optical strain measurement increases Split Hopkinson Pressure Bar accuracy and reduces the required incident bar length. Direct impact testing can also be performed and recorded by eliminating the incident bar completely for a variety of materials.

- 16k horizontal resolution (14 bit)
- 300k maximum frame rate
- A maximum of 4,840 frames/event
- Cost effective alternative to 2D imaging
- Capture strain rates up to 1200s^{-1}

C1-300k-K



1. C1-300k High-Speed Line Scan Optical Extensometer
2. Camera mounting hardware
3. Lens assembly
4. 12-pin custom & Cx4 cables with power supply
5. PC with interface card
6. PicoScope 4000 Series

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We welcome the tough questions. (906)-337-3018

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