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Cypher VRS1250 Video-Rate AFM

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Abstract

The Cypher VRS1250 is twice as fast as the first-generation Cypher VRS, scanning at up to 1250 lines/second. This enables either higher temporal resolution with frame rates up to 45 frames/second or increased spatial resolution by collecting more image pixels at lower frame rates. Combined with ultra-stable imaging, an easy-to-use fully sealed sample cell with perfusion capability, and a full range of modes and accessories, the Cypher VRS1250 is ready to help you achieve your most ambitious research goals.

- Designed for both ultra-high speed and ultra-high resolution
- Stable imaging allows dynamic events to be captured without drift or parameter adjustments
- Ease of use features make setup and imaging simple
- Includes all the added flexibility and capabilities of the Cypher ES research