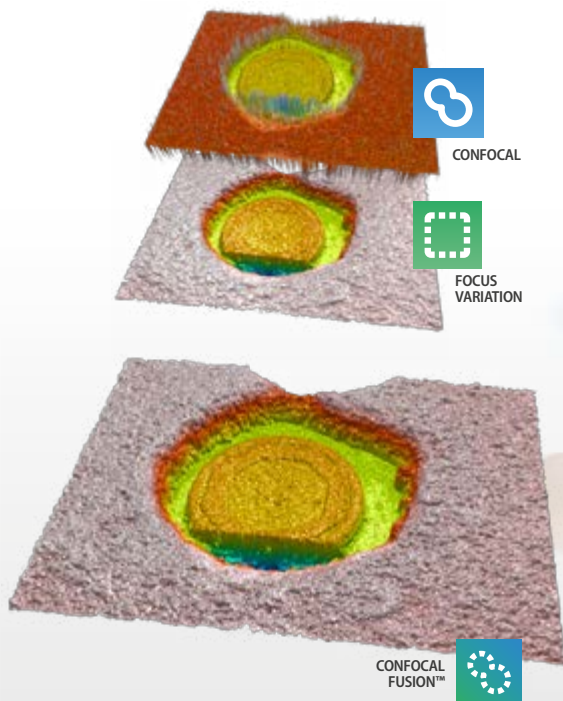


NEW

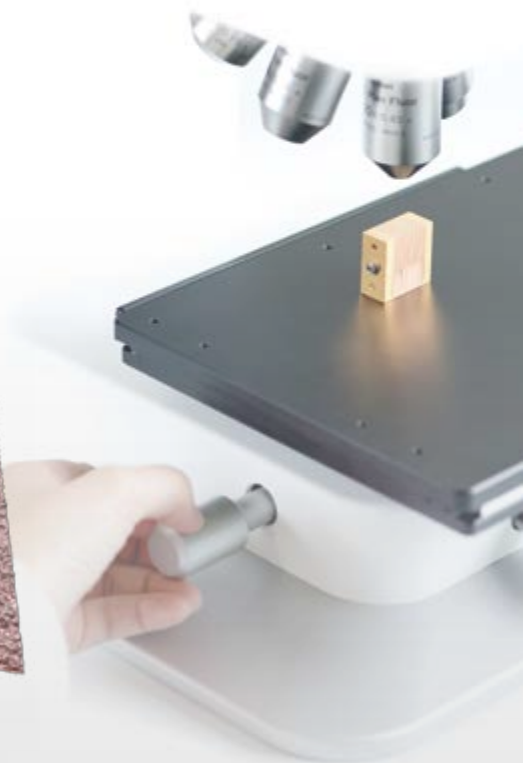
SENSOFAR[®]
METROLOGY

New Technologies for 3D Surface Metrology



**CONFOCAL
FUSION™**

- Where neither Confocal nor Focus Variation can provide ideal results, Confocal Fusion™ overcomes the limitations of both techniques to provide high-quality measurements over spatially highly varying surfaces.
- Confocal Fusion™ draws the best out of Confocal and Focus Variation by using a unique smart algorithm that yields the most reliable data from a single scan.



	FOCUS VARIATION	CONFOCAL	CONFOCAL FUSION™
Vertical resolution	★	★★★★	★★★★
Lateral resolution	★	★★★★	★★★★
Easy to use	★★★★	★★	★★★★
Smooth samples		★★★★	★★★★
High-slopes NA < 0.30	★★★★	★	★★★★
Repeatability not dependent on the surface texture	★	★★★★	★★★★

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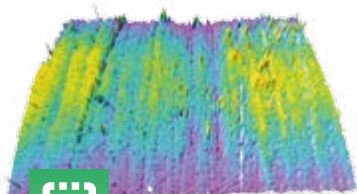
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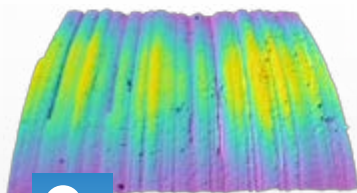
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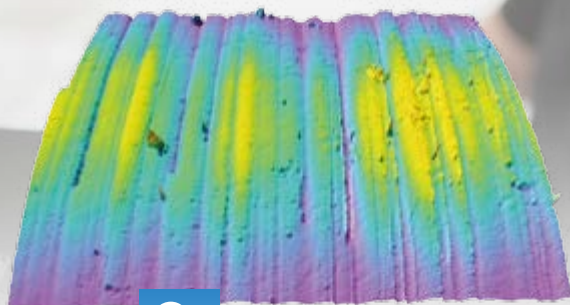
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FOCUS VARIATION



CONFOCAL



CONTINUOUS CONFOCAL

3X^{FASTER}



CONTINUOUS CONFOCAL

- Revolutionary step in Confocal measurement technology, steadily reducing the acquisition time by a factor of 3.
- Continuous Confocal mode avoids the discrete (and time-consuming) plane-by-plane acquisition of classical Confocal by scanning continuously along the Z axis instead.

- Acquisition speed is comparable to Focus Variation, while results are comparable to Confocal using discrete Z scanning.
- An ideal solution for Quality Control where speed is a key factor. Available both for table-top systems, S neox & S lynx and for the in-line sensor, S mart.
- Essential for reducing acquisition times for large area scans and large Z scans.