

Lattice Lightsheet Technology:

Systems Comparison - At a Glance

	Turnkey System: ZEISS Lattice Lightsheet 7	Traditional Lattice Lightsheet Systems
Inverted Configuration?	✓ Avoids contamination of objectives and simplifies operation of system.	✗ Dipping objectives require large quantity of media (<3 ml) and cleaning to avoid contamination of samples.
Compatible with Standard Sample Carriers?	✓ Compatible with a range of samples carriers such as 35 mm dishes, chamber slides and multiwell plates.	✗ Uses nonstandard small (5mm) coverslips.
Suitable for Unattended Long-Term Experiments?	✓ Stable system design and contained incubation provide the perfect environment for long-term imaging.	✗ Complex design makes long-term imaging challenging.
Automated Calibrations and Alignments?	✓ The system can be calibrated in a couple of clicks, taking less than five minutes.	✗ Complex procedures that require >20 mins for even an experienced user.
Easy Multiposition Setup?	✓ Use the power of ZEN Blue to easily create multiposition experiments.	✗ Unable to visit multiple wells with different conditions unattended.

To learn more about the turnkey ZEISS Lattice Lightsheet 7 system

[click here](#)



Seeing beyond