

IDES, Inc. is introducing a new product that answers some of the trickiest questions involved with striking a transmission electron microscope (TEM) sample with a pulsed laser:

- How do I perform the initial coarse alignment quickly, accurately, and without breaking vacuum?
- How do I know when the drive laser is centered on the electron beam?
- How do I know when the laser beam is focused? Or what its spatial profile looks like? Or how much it drifts over time? Or how much energy is delivered to the sample?
- How can I tell if an internal mirror is damaged, contaminated, or misaligned?

Now, with the IDES Drive Laser Alignment Camera, all of these questions can be answered quickly, routinely, and precisely, freeing you to focus on the science.



The IDES Drive Alignment Camera takes images of a laser spot striking the precise location to be occupied by the sample

