13. The method of claim 8, further comprising:

identifying at least one other type of particle in the vessel using the data and additional data representing light transmitted through the vessel.

14. The method of claim 8, wherein the objects comprise glass lamellae.

15. A computer program product for nondestructive detection of transparent or reflective objects in a vessel that is at least partially filled with a fluid, the computer program product comprising nonvolatile, machine-readable instructions, which, when executed by a processor, cause the processor to:

(a) identify a respective maximum amount of reflected light for each location in a plurality of locations in the vessel based on data representing light reflected from a plurality of spatial locations as a function of time; and

(b) determine a presence or absence of the objects in the vessel based on the number of spatial locations whose respective maximum amount of reflected light exceeds a predetermined value.