NEW LI-600N Porometer/Fluorometer

Simultaneously measure stomatal conductance and chlorophyll *a* fluorescence from single needles, narrow leaves, and grass blades.

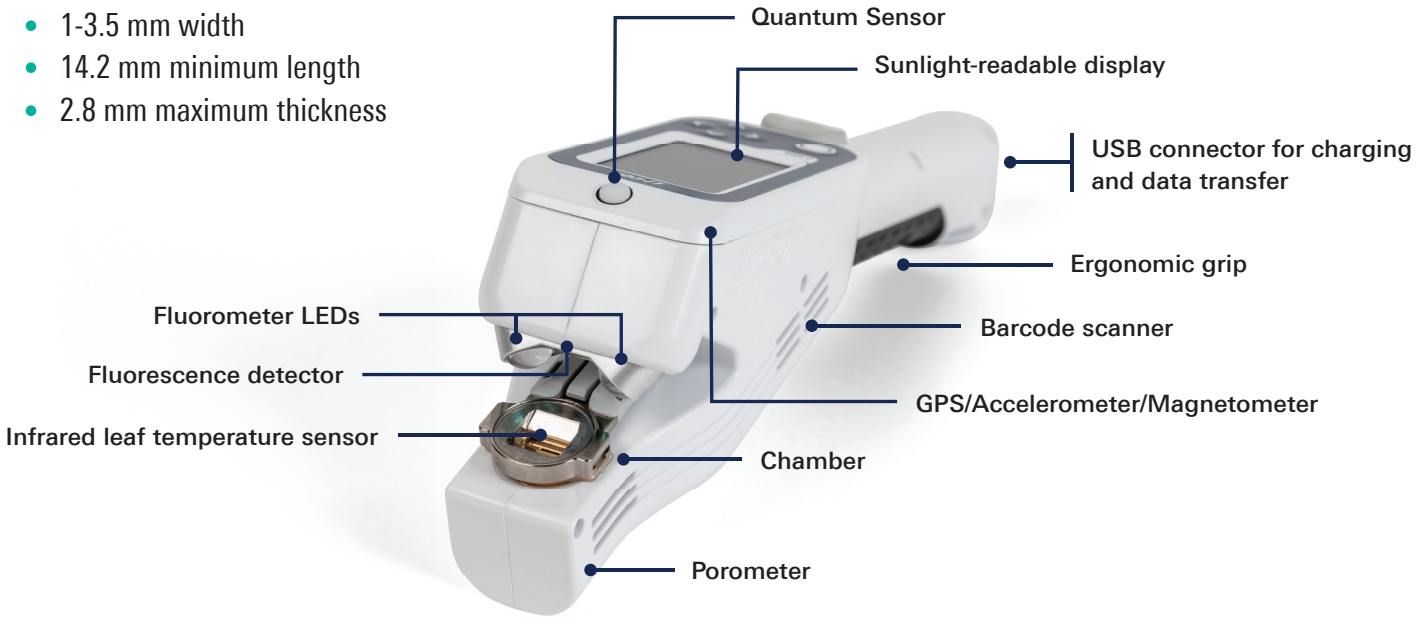
The LI-600N is the only instrument available that can take these measurements from a single needle or narrow leaf.

Key specifications

The LI-600N features the same handheld design and specifications as the LI-600 Porometer/Fluorometer. The difference is in the length and width of the leaf or needle being measured.

Leaf and needle sizes

- 1-3.5 mm width
- 14.2 mm minimum length
- 2.8 mm maximum thickness



LI-600N Porometer/Fluorometer

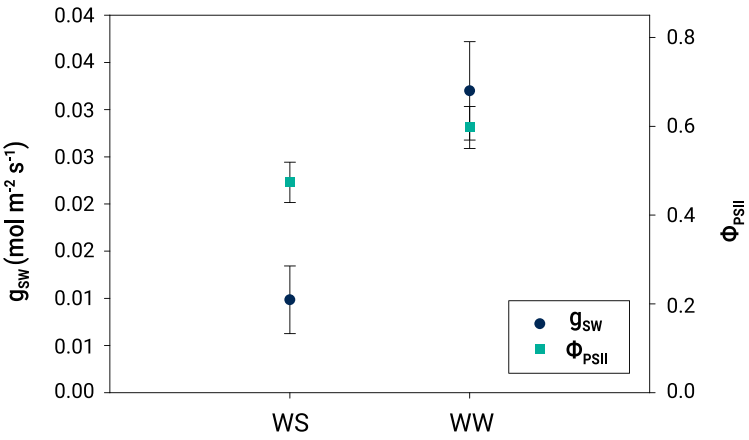
Fast measurements of stomatal conductance and chlorophyll *a* fluorescence in the palm of your hand.

How it works

The porometer uses a mass balance for water vapor flux from the needle/leaf to compute stomatal conductance. The fluorometer uses optical techniques to probe the quantum yield of photosystem II.

New for the LI-600N and LI-600

- Automatic leak detection and warning help prevent measurement errors.
- The desktop software output includes .xlsx files with embedded equations.



Survey measurements of well-watered (WW) or water-stressed (WS) single loblolly pine (*Pinus taeda*) needles. Each point is the mean (±SE) of four measurements on four different greenhouse-grown seedlings measured at growth irradiances of 150-200 µmol m^{-2} s^{-1} PPFD.

The LI-600 and LI-600N

The LI-600 and LI-600N share the compact, handheld design and most specifications. The following are key differences.

	LI-600N	LI-600
Aperture size	3.5 x 14.2 mm	7.5 mm diameter
Air flow path	Around the sample	Under the sample
IRT field of view	Narrow slice	Full conical
Option for automatic logging	No	Yes

Learn more about the LI-600N and LI-600 at **licor.com/600**

Get updates about products, research applications, and events from LI-COR by opting in to email communications at **licor.com/updates**

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