MENU

Search site...

PLANT SCIENCE TOOLS

Leaf Area Measurement & LAI (/plant-science-tools/leaf-area-measurement/)

Measurements of Leaf Area and Leaf Area Index (LAI) are used to track the growth and health of plants over time. Our portable tools measure Leaf Area and LAI rapidly and non-destructively in any environment.

(/plant-science-tools/leaf-area-measurement/ci-110-plant-canopy-imager/)

CI-110 (/plant-science-tools/leaf-area-measurement/ci-110-plant-canopy-imager/)

Plant Canopy Imager

(/plant-science-tools/leaf-area-measurement/ci-202-portable-laser-leaf-area-meter/)

CI-202 (/plant-science-tools/leaf-area-measurement/ci-202-portable-laser-leaf-area-meter/)

Portable Laser Leaf Area Meter

(/plant-science-tools/leaf-area-measurement/ci-203-handheld-laser-leaf-area-meter/)

CI-203 (/plant-science-tools/leaf-area-measurement/ci-203-handheld-laser-leaf-area-meter/)

Handheld Laser Leaf Area Meter

ACCESSORIES (/PLANT-SCIENCE-TOOLS/LEAF-AREA-MEASUREMENT/CI-203-HANDHELD-LASER-LEAF-AREA-METER/ACCESSORIES/)

Photosynthesis Measurement (/plant-science-tools/photosynthesis-measurement/)

Assessing the rate of photosynthesis helps us understand why and how plants respond to changes in their environment. Use our light-weight analyzer to easily measure photosynthesis, respiration, transpiration, stomatal conductance, PAR, and internal CO_2.

(/plant-science-tools/photosynthesis-measurement/ci-340-handheld-photosynthesis-system/)

CI-340 (/plant-science-tools/photosynthesis-measurement/ci-340-handheld-photosynthesis-system/)

Handheld Photosynthesis System

ACCESSORIES (/PLANT-SCIENCE-TOOLS/PHOTOSYNTHESIS-MEASUREMENT/CI-340-HANDHELD-PHOTOSYNTHESIS-SYSTEM/ACCESSORIES/)

Root Measurement with Minirhizotrons (/plant-science-tools/root-measurement-with-minirhizotron/)

Evaluating roots while they are living in soil is vital to understanding how a plant is interacting with its environment. Our root imaging and analysis minirhizotron technology allows users to non-destructively observe and monitor root health and growth over multiple growing seasons.

(/plant-science-tools/root-measurement-with-minirhizotron/ci-600-in-situ-root-imager/)

CI-600 (/plant-science-tools/root-measurement-with-minirhizotron/ci-600-in-situ-root-imager/)

In-Situ Root Imager

(/plant-science-tools/root-measurement-with-minirhizotron/ci-602-narrow-gauge-root-imager/)

CI-602 (/plant-science-tools/root-measurement-with-minirhizotron/ci-602-narrow-gauge-root-imager/)

Narrow Gauge Root Imager

Leaf Spectroscopy (/plant-science-tools/leaf-spectroscopy/)

Analyze leaf pigments instantaneously in the field to compare leaf-level responses across treatments. Our Miniature Leaf Spectrometer is used to non-destructively measure light transmittance, absorbance, and reflectance of leaves.

(/plant-science-tools/leaf-spectroscopy/ci-710-miniature-leaf-spectrometer/)

CI-710 (/plant-science-tools/leaf-spectroscopy/ci-710-miniature-leaf-spectrometer/)

Miniature Leaf Spectrometer

(https://www.facebook.com/CID-Bio-Science-Inc-101303298234/) (https://www.youtube.com/channel/UCsx9GwYR-_LwDd3p2qP4MmQ) (http://www.instagram.com/cidbioscience) (https://www.linkedin.com/company/cid-bio-science-inc-) (https://twitter.com/cidbioscience) (https://www.pinterest.com/cidbioscience/)