



ADC Plant Science Products

Interested in photochemical efficiency, as an indicator of plant stress in a changing environment?
Here at ADC we work to provide you with accurate, adaptable and easy to interpret data*,
produced by instruments you can use anywhere, all day...

Plant Stress Kit



The pocket-sized, easy to use kit comprising a Y(II)/ETR meter for light-adapted 'spot' measurements and an Fv/Fm meter with clips for dark-adaption. All fluorometers listed use Pulse Modulated Fluorescence (PAM) and far red light for full oxidation of PSII.



OS1p Ultra Compact Chlorophyll Fluorometer



A single device for taking both light and dark-adapted readings. Large graphic display allows real time, Rapid Light Curves. Also performs Quenching tests (NPQ, Hendrickson). Optional PAR clip.



OS30p+ Rapid Plant Stress Screening Device



A hand-held, dark-adaption fluorometer for measuring quantum yield, accurate Fv/Fm, Fv/Fo together with advanced OJIP analysis (Strasser et al., 2004) by accurately measuring Fo.



AM350 Leaf Area Meter



The premier portable leaf area meter with real-time image display for non-destructive, fast measurements and the largest range of calculated parameters (accumulated and mean area, diseased/damaged leaf area, length, width, perimeter, ratio and shape factor). Reliable and robust, with 2 year warranty.

LCPro SD and LCI SD Photosynthesis Systems



The LCPro-SD [left] is our intelligent, light weight (<6kg) photosynthesis system, enabling full environmental control of variables including CO₂, H₂O and temperature.

The LCI-SD [below] is the ultra-compact system, at 2kg, ideal for assessing plant gas exchange in the field.

Both systems use a single channel IRGA. Adaptations include a range of Interchangeable leaf chambers, PLU light units, and fluorometer adaptors for simultaneous gas exchange and chlorophyll fluorescence studies.



*All products listed incorporate 1GB SD card and USB port. Data automatically appears in Excel worksheet format (comma delineated).

For more information on our full range, look up our website or email us:

www.adc.co.uk Email: sales@adc.co.uk