

New Leaf Clip Assembly and Tripod Stand for the Portable Handy FluorCam

The new **Leaf Clip** assembly is built specifically for use with the portable Kinetic Imaging Fluorometer – **Handy FluorCam**. The clip simplifies the process of collecting fluorescence images on vegetation, allowing for dark adaptation and minimizing sample movement. The unique design includes a gentle lock/release system for holding the target leaf in place without detachment or excessive disturbance.



The Handy-FluorCam measures sequences of fluorescence images with a user-defined timing of measurements and irradiance protocols. Fluorescence emission is induced by four sets of super-bright light emitting diodes that provide measuring flashes. The photochemistry is driven by white continuous actinic irradiance and/or by strong pulses of actinic light. Fluorescence signal is detected by a high sensitivity CCD camera with the USB 2.0 communication port that allows connection to a portable notebook in outdoor applications.



Flexible tripod stand offers stability and versatility in every terrain. The precision stand is water resistant.



The typical investigated objects are small leaves and their segments (up to 3 x 3 cm). Experiments can be held in the field or in the laboratory.

For more information about the Handy FluorCam, please visit our web pages (www.psi.cz) or contact us by an E-mail – info@psi.cz.