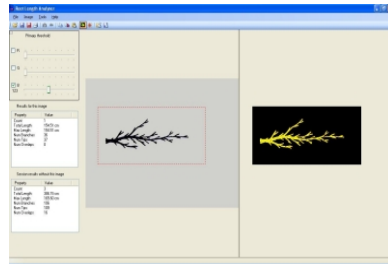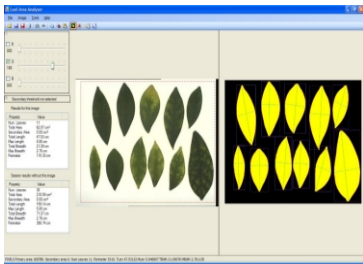# Leaf & Root Analysis Systems & Softwares

Skye have been designing & manufacturing Leaf Area and Analysis systems for well over 20 years. We were the first Company to introduce a computer-based system.

SkyeLeaf and SkyeRoot programmes can now capture images at the click of a button from USB "Plug & Play" video cameras or scanners. Photos taken with digital cameras or even mobile phones can also be easily imported for analysis, with no extra hardware needed.

The new, automatic calibration function makes quick and easy work of setting the pixel size, as well as giving more accurate measurements. Additional features also include root branches and tips.

Demo versions of the software are available from our website:
http://www.skyeinstruments.com/customer-technical-support/

More analysis and measurement features

Image capture card for a PC is no longer required

Software uses direct connection to USB cameras

Traditional laboratory system with a light box

Glass Leaf Frame made from toughened safety glass

Dedicated Leaf Area & Analysis software
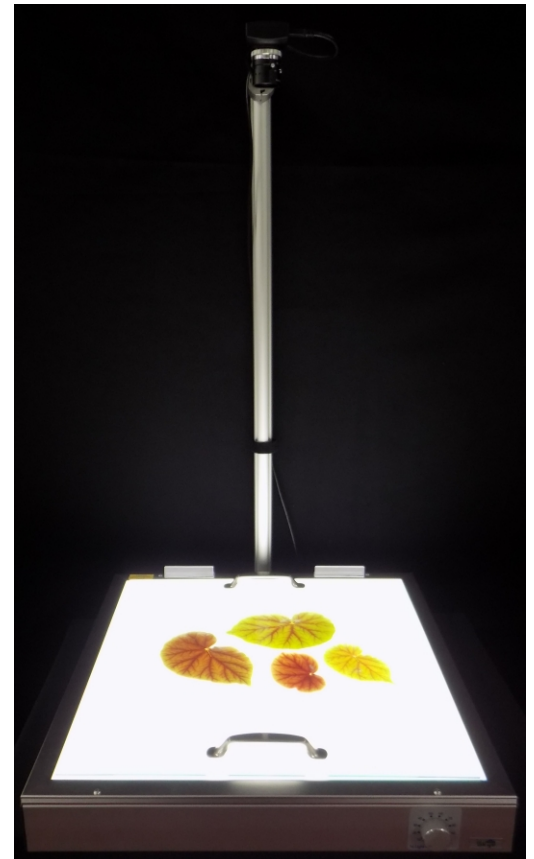
Dedicated Root Length & Analysis software

Fast and accurate measurements

SPECIFICATIONS

PC	Windows Vista Professional, Service Pack 2 or Windows 7 Professional
Leaf Software	Auto measurement of number of leaves, total length, max length, total breadth, max breadth, perimeter, diseased / damaged area
Root Software	Auto measurement of number of roots, total length, max length, number of branches, tips and overlaps
System Includes	Camera stand, lightbox with safety glass leaf frame, and relevant software. Please note: the camera is not included
Both Softwares	Auto calibration function (only recommended for use with USB video cameras) Threshold in RGB individual or together. Select region of interest Ignore small objects, e.g. soil particles Choice of units, cm, mm, inches. Session results include averages for many leaves/roots. Save & append results in XML format.Save image in original or analysed format. Print a report for Current image.

ORDERING INFORMATION

SI 700/LEAF		Dedicated Leaf Area System: Light Box with dimming LED panel,leaf frame, camera support frame, cables and Leaf Area Analysis Software (camera not included)
SI 700/ROOT		Dedicated Root Length System: Light Box with dimming LED panel leaf frame, camera support frame, cables and Root Length Analysis Software (camera not included)
SI 740		SkyeLeaf v2 software
SI 745		SkyeRoot v2 software
SI 733		Hi Resolution USB video camera & lens

Skye Instruments Ltd
21, Ddole Enterprise Park, Llandrindod Wells
Powys LD1 6DF, United Kingdom

TEL +44 (0)1597 824811

EMAIL skyemail@skyeinstruments.com
WEB http://www.skyeinstruments.com