LI-COR’s LI-6400 leads the way as the premiere portable photosynthesis system. Continuously developed and enhanced since 1995 to meet demanding research needs, LI-6400 design firsts include –

- IRGAs in the sensor head
- User cleanable optics
- Leaf chamber fluorometer
- Red/blue LED light source
- Remote Internet access NEW!
- Customer training program
- Real-time graphics
- Auto programs
- Multiple chamber options

The most referenced photosynthesis system in the world.

See the LI-6400 on the Web at www.licor.com/6400

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**Dual-PAM-100**

**P700 & Chlorophyll Fluorescence System**

Simultaneous Assessment of PSI and PSII Quantum Yields.

DualPAM software executes pre-programmed measuring routines with ease and also allows user to create custom test routines.

All essential light sources (fluorescence excitation light, NIR P700 measuring light, red and blue actinic light, single and multiple turnover saturating flashes, far red light) are integrated in the basic system.

Optional emitter-detector modules for measuring other key photosynthesis parameters (\(\Delta pH\), P515, membrane potential, NADPH).

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**GFS-3000**

Portable Gas Exchange Fluorescence System

4-Channel IRGA (2 x CO\(_2\); 2 x H\(_2\)O abs. 20 cm optical path)

Integrated H\(_2\)O control for Drying & Humidifying.

Integrated Co\(_2\) control (0-2000 ppm)

Transreflective touch screen display provides excellent graphical plots in the field.

On-board “tours” effortlessly guide the novice user through the main steps of operation.

Simultaneous assessment of Chlorophyll Fluorescence.

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**PAM-2100**

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Tel: 978-433-2757 mail@walz-usa.com
The PowerPlant™ DNA Isolation Kit provides a novel method for isolating high quality genomic DNA from a variety of plant tissues, such as leaves, roots, and seeds. This unique hands-off homogenization uses a bead beating format and allows up to 24 samples to be processed at the same time using either a vortex adapter or a bench top homogenizer such as MO BIO’s Precellys® 24 Homogenizer. Nearly all types of plant tissues can be processed without hand grinding or liquid nitrogen freezing. With this kit’s novel PCR inhibitor removal system, pure genomic DNA can be obtained in less than 60 minutes.

### Sampler

<table>
<thead>
<tr>
<th>Sample</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabidopsis</td>
<td>✓</td>
</tr>
<tr>
<td>Pine needle</td>
<td>✓</td>
</tr>
<tr>
<td>Cotton</td>
<td>✓</td>
</tr>
<tr>
<td>Sunflower</td>
<td>✓</td>
</tr>
<tr>
<td>Strawberry</td>
<td>✓</td>
</tr>
<tr>
<td>Grape</td>
<td>✓</td>
</tr>
<tr>
<td>Rice</td>
<td>✓</td>
</tr>
<tr>
<td>Corn</td>
<td>✓</td>
</tr>
<tr>
<td>Wheat</td>
<td>✓</td>
</tr>
<tr>
<td>And More...</td>
<td></td>
</tr>
</tbody>
</table>

The PowerPlant™ DNA Isolation Kit is efficient with a variety of plant types.