



REINVENTING PLANT GAS EXCHANGE ANALYSIS

Plant Invent



Climate change is a major risk for food security. Therefore, scientists need new technologies that speed the breeding of high-yielding varieties suited for various growth conditions



Current tools and technologies for monitoring basic plant gas exchange characteristics such as photosynthesis and water use are time-consuming and limited in performance. Furthermore, they can easily perturb plants or require leaf detachment



Measuring plants whole and intact provides the most accurate and representative gas exchange data



The Solution

We have developed a multi-cuvette device for measuring plant gas exchange characteristics in various growth conditions. Our solutions speed up plant analysis while providing the most detailed output data without perturbing the plant



Next milestones:

- Expand our product range to offer solutions for the breeding industry and farmers
- Recieve additional funding for product development
- Become global leaders in gas exchange technologies



www.plantinvent.com



UNIVERSITY OF TARTU