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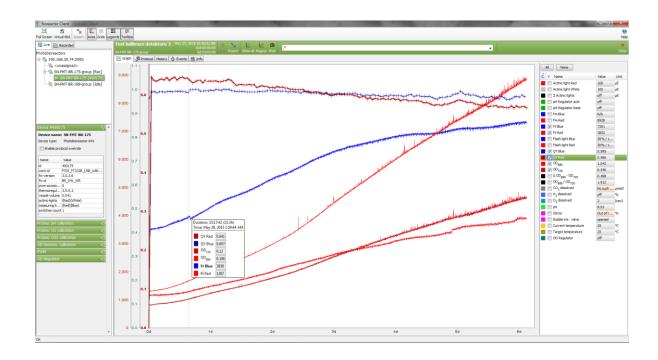
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### Welcome to Issue 20 of the PSI NEWS

This issue is dedicated to:

# **NEW Photobioreactor Software**



- PSI is introducing new control software for Photobioreactors FMT 150/400, FMT 150/1000, FMT 150/3000, as well as for Large-Scale Photobioreactors 25Land 120L
- New Photobioreactor software has similar appearance and includes all functionality of the previous Photobioreactor software, but is more user-friendly plus have some new extras
- Two editions available Basic and Advanced for small Photobioreactors (FMT 150/400, FMT 150/1000, FMT 150/3000)
- Only Advanced edition available for Large-scale Photobioreactors
- The license is bound to hardware, but it is possible to transfer it in case of computer replacement
- You may easily upgrade your current Photobioreactor software to any edition of the new one - please enquire on <a href="mailto:info@psi.cz">info@psi.cz</a> for details

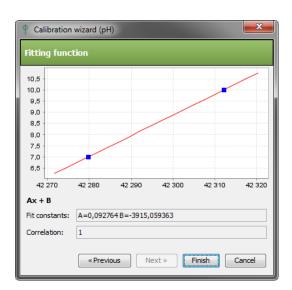
## **KEY FEATURES OF THE NEW SOFTWARE:**

- User-friendly GUI
- Devices configuration using drag & drop, status icon
- Graph tooltips, legend panels
- Searching in recorded experiments and saved protocols
- Mail notifications
- Online software upgrades
- User rights management
- User-friendly calibration component provides GUI for temperature and measurement calibrations of the connected sensors. It stores current as well as past calibration data and allows tracking of the changes
- Any edition must be provided with a license file, otherwise the software will not start



## **BASIC EDITION CONTAINS:**

- Online software upgrades
- Accessory calibrations
- Change protocol of running experiment
- Restore running experiments after laptop reboot
- Recording of raw sensor data
- Record custom/system experiment events
- Export experiment to MS Excel/OpenOffice
- Recorded experiments filtering
- Users and rights management
- OD regulator (Turbidostat) protocol support
- pH Regulator (Chemostat) protocol support
- External lights protocol support
- PWM pump/Stirrer protocol support
- Individual Ft/QY measuring



### **ADVANCED EDITION CONTAINS:**

- All features of the Basic edition
- Email notifications
- Allows to send low level device commands
- Scripting support in protocol
- Individual measuring periods in protocol
- Import old experiments
- Scheduled experiments
- Monitor and notify accessory value range
- Customer defined series in experiment graph
- Gas Analyzer support
- Gas Mixer support
- Additional peristaltic pumps

