Ipsen’s VacuProf® system is a valuable tool for the operation and control of vacuum heat treatment systems. With multiple languages and units of measure, modern, easy-to-navigate screens and electronic copies of assembly drawings and electrical schematics, VacuProf provides much-needed versatility, simplicity and flexibility. The latest VacuProf software enables users to:

**VacuProf 4.1 Enhancements**
- Trend up to 18 work thermocouples
- Open and close the door from the maintenance screen
- Add notes to the Quality Control (QC) Report’s cover page
- Include a picture of the load with the QC Report’s cover page
- View the diffusion pump’s temperature and cooling motor speed in the graphic layout tabs

**VacuProf 4.2 Enhancements**
- Improve the CSV files created from exported cycle data
- Improve uniformity at lower temperature ranges with a new PID (proportional integral derivative) menu
- Add additional DigiTrim® settings for partial pressure segments
- Add leak test results to the QC Report
- Receive clarification through visual checklist what parameters are necessary for the furnace door to open safely
- View customized graphics for individual furnace configurations
- Search QC Reports more efficiently
- Display the average cycle cooling rate in the QC Report
- Activate the touch screen and add a screen protector*
- Add automated gas selection valves that are controlled by the recipe’s global settings*
- Add hydrogen leak parameters to the device settings or display alert with valves*
- Set up an alert stating “Leak-up Test in Progress” during a hydrogen partial pressure leak-up*
- Utilize a bar code scanner*
- Achieve guaranteed soak for up to 12 work thermocouples*

*All features that require additional hardware will be sold as an option.