DATA SHEET PARCmodel

Soft Sensors

The PARCmodel component of dataPARC's product group predicts plant quality variables in real-time, allowing for estimation of properties that are impractical or impossible to measure online.

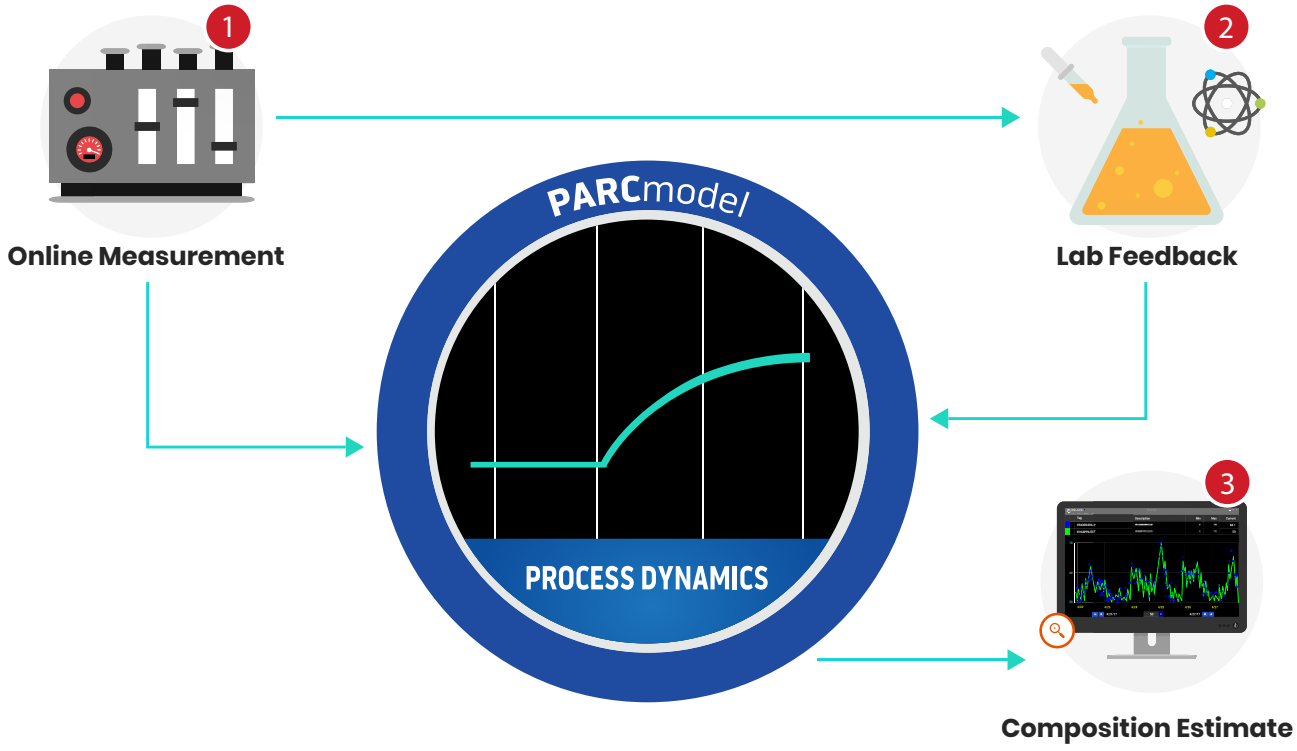
PARCmodel Is Your Tool to Predict Plant Quality Variables in Real-Time. the PARCview Add-In Can Be Used to Estimate Properties That Are Impractical or Impossible to Measure Online.

PARCmodel reads live data from the plant – such as temperatures and pressures, and uses it to calculate estimated quality values from user-developed models. These models can either be based on first principles or empirical models developed through techniques such as PCA and PLS.

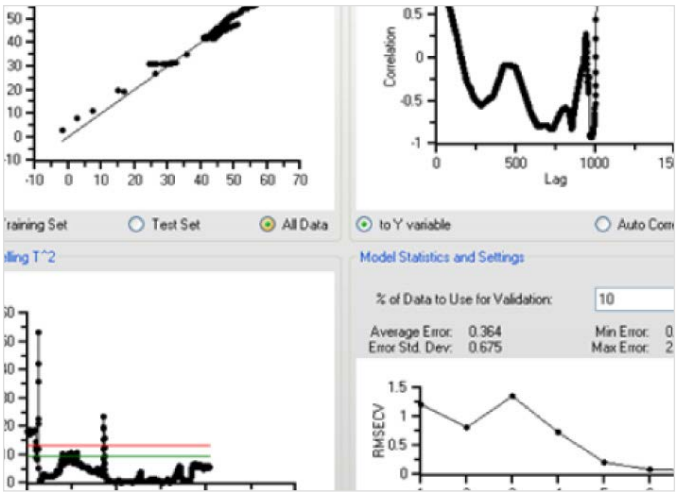
- ✔ Make better decisions based on real-time soft sensors rather than waiting for manual test results.
- ✔ Create more responsive conventional and advanced process control strategies.
- ✔ Improve maintenance response, sensor fault, and degradation monitoring

Capstone Technology Data Interface

Build physical property models from process, delivering real-time results of off-line lab test.

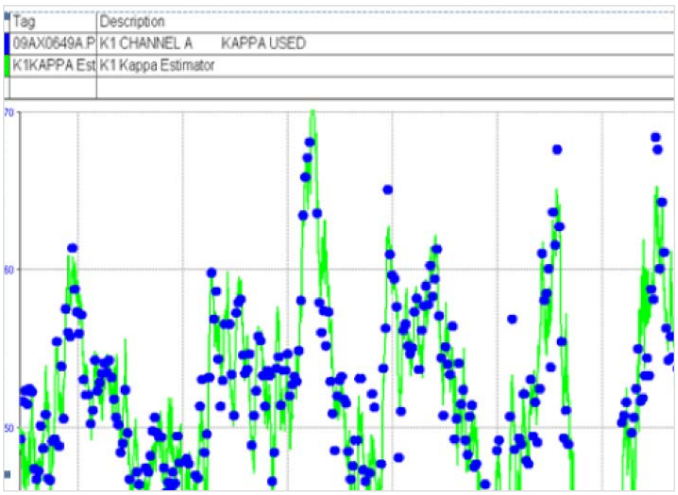


Key Features



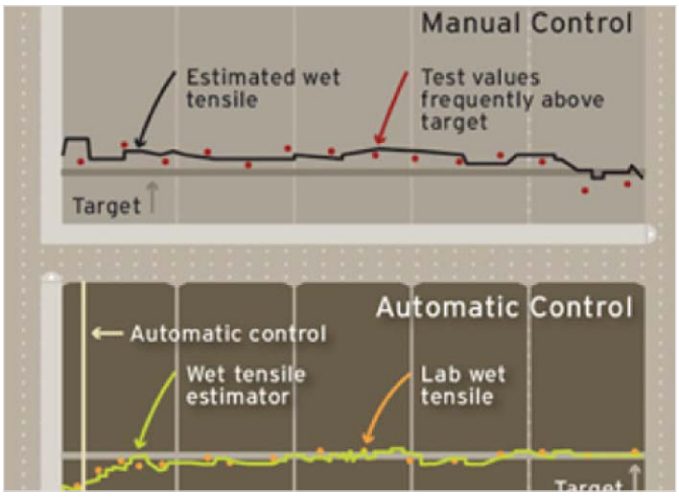
User Friendly

PARCview provides a familiar user interface for easy model creation and optimization.



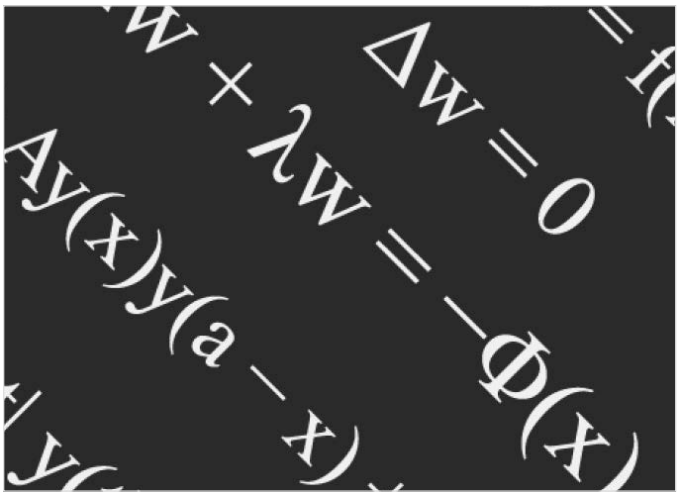
Real-Time Feedback

Use calculation outputs in open-loop for real-time operator feedback.



Closed Loop Automated Control

Create robust and reliable closed loop control strategies using PARCmodel outputs as a soft sensor.



Advanced Options

Advanced features available: dead time compensation, filtering, data validation, model adjustments based on lab and more.