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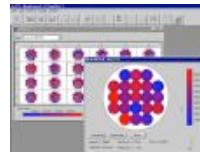**ABOUT US**   **PRODUCTS**   **TECH RESOURCES**   **SERVICE & SUPPORT**

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KC4™ Data Analysis Software

- **Overview**
- **Features**
- **Versions**
- **Specifications**
- **Technical Resources**
- **Print Product Details**

🔴 Specifications

Instruments supported	• Clarity • Synergy HT (all models) • PowerWave (all models except PowerWave200 and PowerWave340 s/n < 188920) • FLx800 (all models except injector model) • µQuant • ELx800 (all models) • ELx808 (all models) • FL600 (all models)
Microplate types supported	• 6- to 384-well flat, round and v-bottom plates • 60-, 72- and 96-well Terasaki plates • Bio-Cell™ *New plate types/dimensions can easily be added to KC4's extensive plate database*
Read methods	• Endpoint • Kinetic • Incubation Control • Shaking Control • Pathlength Correction (All Synergy HT, PowerWave and µQuant models) • Monitor Well Reading • Partial Plate Reading (all readers) • Barcode ID output (808, PowerWave) • Linear Scanning across well (808, PowerWave) • Area Scanning (Synergy HT, FLx800, µQuant, ELx800 and FL600)
User interface features	• Protocol Wizard for protocol creation, customizable toolbar icons • Extensive context-sensitive Help system • Pull down list for data viewing • Multi-user password login in KC4 Signature (see Protocol/Data Security)
Diagnostics tests	• Universal Plate Test and Archive • Reader System Test and Archive • Configuration and results can be protected from changes

Protocol/data security	• Includes Multi-user password login, with Administration available (KC4 Signature) • More protected functions are available • Data Audit Trail records any changes or masking of data • Protocol Audit Trail records any changes to protocols
Report/export features	• Automatic or Manual Print • Automatic or Manual Export directly to excel or to file • Reports and Export Data are customizable • Column and Matrix Reports • Standard Curve can be reported • Exclusive PowerReports™ feature uses Microsoft Word/Excel for total report customization. Data objects from KC4 are embedded into an Excel sheet or Word document, customized, then saved into KC4 protocol. At runtime, data fills the sheet or document.
Customizable well identifiers	Fully customizable well identifiers per protocol
Sample identification	• Manual Entry/Barcode Entry • Sample Name Import from Text file • Sample Name list can be printed for use as pipetting guide
Change/mask/create data	Yes, KC4 Signature's Data Audit Trail tracks changes (see more on this in Protocol/Data Security)
Curve fit types	• Linear • Polynomial (to 4th degree) • Point to Point • 4-P • An option to drive the curve through the origin is available for polynomial curves only
Curve storage	Yes, curves can be stored and recalled for re-use
Transformation formulas	One formula per well, with three levels of formulas available
Plate formulas	Multi-Plate transformation with three levels of transformation available for endpoint and kinetic data allows for complex calculations between data sets
Kinetic data reduction	• Max V or Mean V • Onset OD, Onset Time • Mean/Min Max OD • Formula Calculation • Up to 2 kinetic data sets can be evaluated at a time
Kinetic options	• Multiple Filter Sets (FL600, FLx800) • Selectable units for kinetic reactions • Append to Kinetic File can be either automatic or manual • Lag Time calculation • Kinetic zoom on multiple wells to view reactions in real time
Cutoff calculation	Yes, including customizable symbols
Validation formulas	Yes, multiple levels of validation can be performed on user-selected data input

Specifications subject to change.