

# UPGRADE TO PK7400

## FROM THE PK7300

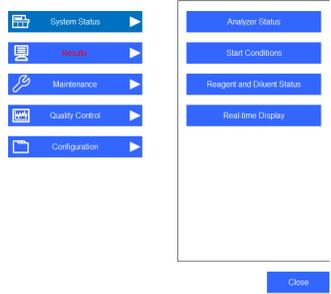
### DELIVER RESULTS WITH CONFIDENCE AND EFFICIENCY

Streamline workflow by simplifying both routine tasks and maintenance with the new features and intuitive software available on the PK7400 Automated Microplate System. The PK7400 includes reliable high-performing PK methodology along with enhancements that help laboratories maximize productivity and optimize resources. With the PK7400, laboratories can gain operational efficiencies while delivering the accurate results customers have come to expect.

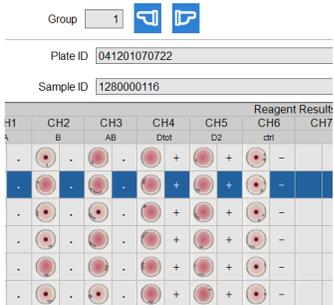
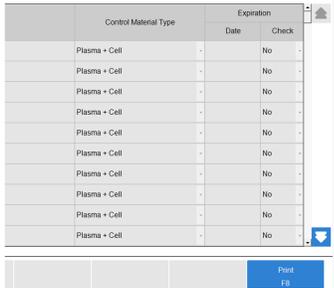
- UNMATCHED THROUGHPUT
- SIMPLE TO USE
- RELIABLE RESULTS



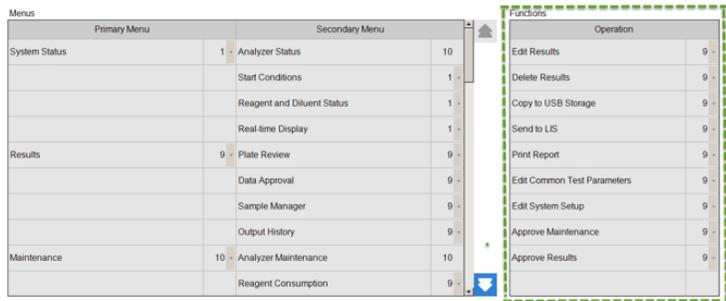
# BENEFITS OF UPGRADING TO A PK7400 ANALYZER

Features		Benefits																																																																													
<p><b>New graphical user interface (GUI) system software</b></p>		<p>New operating system provides improved access and visibility to the most common functional areas: reagent management, online maintenance and daily startup tasks. A new sub-workspace can be used to display error messages, customized user menus, event details or a blank notepad for operator notes. Intuitive color-coded icons alert the operator to any instrument conditions in need of attention. New GUI achieves a consistent and recognizable user experience across Beckman Coulter instrumentation product lines.</p>																																																																													
<p><b>Large 24-inch touchscreen monitor</b></p>		<p>A 24-inch monitor allows the new GUI system software to display more information at once, reducing the time and steps required to perform daily operational tasks.</p>																																																																													
<p><b>Instrument status indicator</b></p>		<p>Brightly-colored indicator light allows the operator to monitor analyzer status. The light, clearly visible from a distance, indicates the following:</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: blue; margin-right: 5px;"></span> Standby</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> Initialize, Warm Up, Measure 1, Measure 2, END</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> Pause</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; margin-right: 5px;"></span> Stop</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: gray; margin-right: 5px;"></span> Off</li> </ul>																																																																													
<p><b>Single manual barcode reader</b></p>		<p>A multipurpose manual barcode reader scans sample and diluent bottle barcode labels.</p>																																																																													
<p><b>Improved online maintenance and enhanced menu</b></p>	 <table border="1" data-bbox="370 1648 701 1953"> <thead> <tr> <th>No.</th> <th>Procedure</th> <th>Help</th> <th>Pending (Time/Hours)</th> <th>Performed</th> <th>Frequency</th> <th>Date Due</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Inspect the Sample Dispensers for Leaks</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>2</td> <td>Inspect the Diluent Dispensers for Leaks</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>3</td> <td>Inspect the Diluent Sample Probes for Leaks</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>4</td> <td>Inspect the Diluent Dispensers for Leaks</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>5</td> <td>Inspect and Clean the Sample Probes</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>6</td> <td>Inspect and Clean the Reagent Probes</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>7</td> <td>Inspect and Clean the Diluent Sample Probes</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>8</td> <td>Inspect and Clean the Diluent Probes</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>9</td> <td>Inspect the Diluent Sample Clips for Residual Water</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> <tr> <td>10</td> <td>Inspect the Level of the Cleaning Solution</td> <td>🔗</td> <td></td> <td></td> <td>Daily</td> <td></td> </tr> </tbody> </table>	No.	Procedure	Help	Pending (Time/Hours)	Performed	Frequency	Date Due	1	Inspect the Sample Dispensers for Leaks	🔗			Daily		2	Inspect the Diluent Dispensers for Leaks	🔗			Daily		3	Inspect the Diluent Sample Probes for Leaks	🔗			Daily		4	Inspect the Diluent Dispensers for Leaks	🔗			Daily		5	Inspect and Clean the Sample Probes	🔗			Daily		6	Inspect and Clean the Reagent Probes	🔗			Daily		7	Inspect and Clean the Diluent Sample Probes	🔗			Daily		8	Inspect and Clean the Diluent Probes	🔗			Daily		9	Inspect the Diluent Sample Clips for Residual Water	🔗			Daily		10	Inspect the Level of the Cleaning Solution	🔗			Daily		<ul style="list-style-type: none"> <li>➤ Alignment of online tasks with frequency requirements/ guidelines outlined in the IFUs</li> <li>➤ Consolidation of all menus into one user-friendly menu with an optional task approval area</li> <li>➤ Prompts for guiding users through multi-step tasks</li> <li>➤ Availability of maintenance videos and procedures through the help icon accessed from the maintenance menu</li> <li>➤ Access to a list of the 1,000 most recently completed maintenance tasks</li> </ul>
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<p><b>Reduced operator maintenance</b></p>		<p>Quarterly and annual maintenance tasks have been removed, eliminating the time it takes to learn and recall tasks done infrequently.</p>
<p><b>PROService functionality</b></p>		<p>PROService offers both proactive and reactive triggers, remote diagnostics and desktop sharing, and electronic data file transfer, all aimed at driving the maximization of instrument uptime.</p>
<p><b>Enhanced plate review</b></p>		<ul style="list-style-type: none"> <li>› A next-generation camera enhances the clarity of sample images, facilitating online image reviews</li> <li>› Display of microplate well images next to channel results for optimized plate and data review</li> </ul>
<p><b>QC sample monitoring</b></p>		<p>The system monitors control materials expiration dates, aborting the run if the product has expired, to save both time and costs.</p>
<p><b>Standardized storage device</b></p>		<p>An inexpensive and readily obtainable Universal Serial Bus (USB) device can be used to store files and data quickly and easily.</p>

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<p><b>Diluent bottle component area</b></p>		<p>A tray is added to capture spills, simplifying cleaning and protection of the instrument surface.</p>																																																
<p><b>Sample dispensing cover</b></p>		<p>Improved safety to operator by reducing the opportunity for biohazard exposure.</p>																																																
<p><b>Security enhancements</b></p>	 <table border="1" data-bbox="370 982 1096 1283"> <thead> <tr> <th colspan="2">Menus</th> <th colspan="2">Functions</th> </tr> <tr> <th>Primary Menu</th> <th>Secondary Menu</th> <th>Function</th> <th>Operation</th> </tr> </thead> <tbody> <tr> <td>System Status</td> <td>1 - Analyzer Status</td> <td>Edit Results</td> <td>9</td> </tr> <tr> <td></td> <td>Start Conditions</td> <td>Delete Results</td> <td>9</td> </tr> <tr> <td></td> <td>Reagent and Diluent Status</td> <td>Copy to USB Storage</td> <td>9</td> </tr> <tr> <td></td> <td>Real-time Display</td> <td>Send to LIS</td> <td>9</td> </tr> <tr> <td>Results</td> <td>9 - Plate Review</td> <td>Print Report</td> <td>9</td> </tr> <tr> <td></td> <td>Data Approval</td> <td>Edit Common Test Parameters</td> <td>9</td> </tr> <tr> <td></td> <td>Sample Manager</td> <td>Edit System Setup</td> <td>9</td> </tr> <tr> <td></td> <td>Output History</td> <td>Approve Maintenance</td> <td>9</td> </tr> <tr> <td>Maintenance</td> <td>10 - Analyzer Maintenance</td> <td>Approve Results</td> <td>9</td> </tr> <tr> <td></td> <td>Reagent Consumption</td> <td></td> <td></td> </tr> </tbody> </table>	Menus		Functions		Primary Menu	Secondary Menu	Function	Operation	System Status	1 - Analyzer Status	Edit Results	9		Start Conditions	Delete Results	9		Reagent and Diluent Status	Copy to USB Storage	9		Real-time Display	Send to LIS	9	Results	9 - Plate Review	Print Report	9		Data Approval	Edit Common Test Parameters	9		Sample Manager	Edit System Setup	9		Output History	Approve Maintenance	9	Maintenance	10 - Analyzer Maintenance	Approve Results	9		Reagent Consumption			<p>Increased user-defined flexibility for assigning specific security levels: now at the function operation level.</p>
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