

Technical Note

Vertex Series Change History

1998-1055 Rev 1 11/10

This document is to show the historical differences between the Vertex Series

(**Rack and Analyzer definitions on changes):

Series 1 – Serial number 290-0001 through 290-0499

- Initial product release

Series 2 – Serial number 290-0500 through 290-5999

- Rack changes:
 - Introduction of a faster redundant mirrored hard drive
 - Power Distribution panel and 24VDC power supply enhancements
 - Pyrolyzer Power step down transformer removal
 - Pump PCB breaker removal and integrated into the new Power Distribution panel
 - Change to the pump Check Valves
 - System vacuum adjustment ability added
- Analyzer changes:
 - Updated RFID to a 360-degree reader versus needing to align the
 - Introduction of the 230VAC Pyrolyzer
 - Removal of the Analyzer and Pyrolyzer Fan Dust Filter and fan located below the Optics Blocks
- Other changes introduced:
 - Closed Loop Optics (CLO) with enhanced Optics Diagnostics
 - Larger touchscreen
 - New Proportional Valves
 - Filter door lock
 - System vacuum pump distribution manifold

Series 3 – Serial number 290-6000

- Rack changes:
 - Introduction of Windows® 10
 - *Updated Allen Bradley PLC from SLC500 to CompactLogix 5380
 - Replaced Active Display with Windows® 10 Remote Desktop

*Refer to the Vertex Operating manual Appendix E through H for supported Network and Relay cards per Series revision racks.

**This document is for high level use per series and does not include all component changes made between the series changes.

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Find out more:

<https://sps.honeywell.com/us/en/products/safety/gas-and-flame-detection>

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