



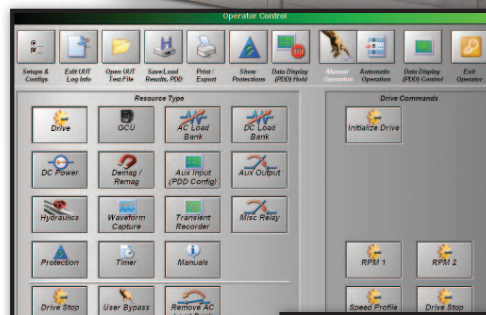
## Extend your investment with Avtron's upgrade package for the K738 and K400B Generator Test Stands.

When properly maintained, the motors and gear boxes on these test systems have very long lifespans. However, many of the original electronics and controls in the K738 and K400B systems are at the end of their life. Avtron Aerospace has designed the XL Upgrade (XL-eXtended Life) to protect your investment. At a fraction of the cost of a new test stand, we can extend the life of your K738 or K400B system by replacing the obsolete electronics and drive controller.

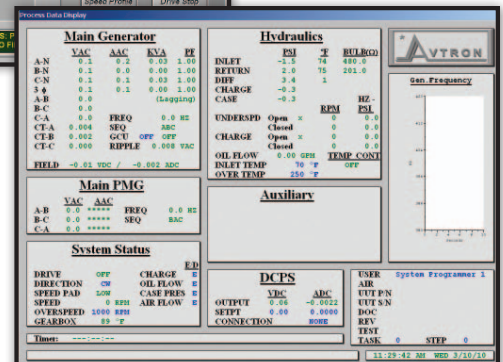
### Four reasons to purchase the XL Upgrade for your K738 or K400B:

- **Extends the life of your existing equipment** at a fraction of the cost of a brand new system.
- **Protects your investment** by maintaining compatibility with your existing adapter hardware. A library of new adapter hardware can equal the cost of a new test stand.
- **Reduces your maintenance costs** with the latest and greatest commercially available electronics. Your uptime will increase with improved system reliability.
- **Increases productivity** with the most current version of Avtron's ATE++™ software, operating on Windows XP™, an improved user interface for simplified operation.

Start-up and training costs are included with the purchase of the XL upgrade.



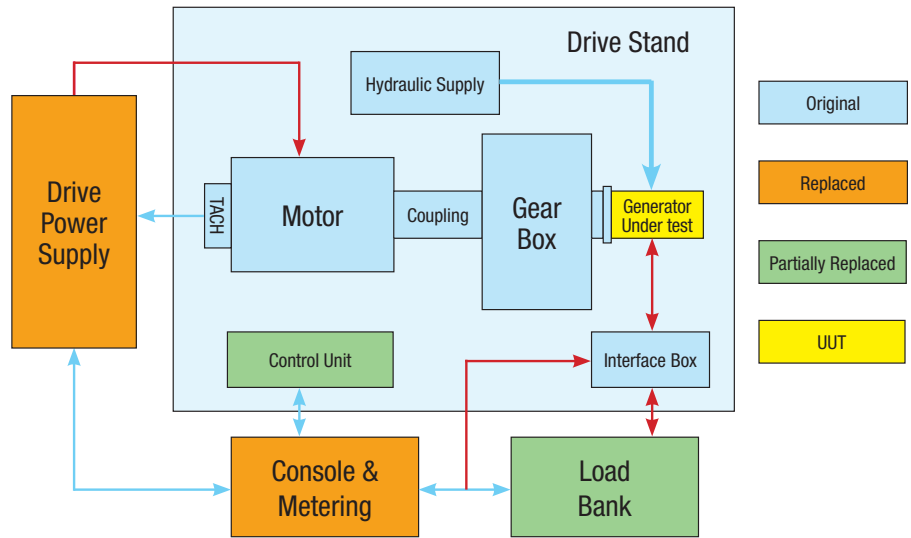
Operator Control



Process Data Display

# K738XL and K400BXL Upgrade

The diagram shows what is replaced on a K738 or K400B after the XL upgrade.



Simplified block diagram of XL upgrade components



**Before**  
Power Supply/Drive Cabinet



**After**  
Power Supply/Drive Cabinet

Key Components	Before Upgrade	After XL Upgrade
<b>Control Console</b>	Obsolete PC boards and PC boards with obsolete components	New control console with the latest ATE++™ software, updated technology, readily supportable control and metering devices
<b>DC Drive</b>	Obsolete single-board computer, FAX module, reliance analog drive controller	New DC drive cabinet with updated PLC and Avtron ADDvantage-32™ Digital Drive Controller
<b>Drive Stand</b>	Obsolete single-board computer, analog signal conditioning board, and digital I/O rack.	Updated signal conditioning boards and PLC
<b>Load Bank</b>	Obsolete single-board computer	Upgraded control electronics and PLC
<b>Software &amp; User Interface</b>	DOS-based programming	32-bit ATE++™ on Windows XP operating system, dual monitor display, simplified user interface
<b>Warranty</b>	Out of warranty	System fully calibrated and supported with one-year Avtron Aerospace warranty on all upgraded components

Comparison of drive stand before and after XL upgrade



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