



PressRelease

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Galil Motion Control Introduces GalilSuite Software Tuning and Analysis Tool for Latest Generation of Galil Motion Controllers

ROCKLIN, Calif. (February 6, 2012) — Galil Motion Control, an industry leader in motion control technology, is announcing its GalilSuite Software Package, their latest generation software for configuring, analyzing and tuning Galil motion control systems. GalilSuite is a replacement for Galil's prior generation GalilTools software and offers more advanced features and flexibility. It has enhanced servo tuning capabilities and provides multiple tuning methods making it easy to automatically tune many types of control systems. The new software also allows multiple connections to be made from GalilSuite to multiple controllers.

The GalilSuite software package provides five tools for working with Galil controllers:

- Terminal - for sending and receiving controller commands
- Editor - for writing, saving and executing application programs
- Tuner - for selecting controller PID parameters for optimal servo system response
- Scope - for plotting controller data such as motor position and velocity
- Watch - for displaying controller and I/O status

In GalilSuite each of these tools are independent and can be launched and run individually. This feature makes it easy for the design engineer to create a flexible development environment for testing control systems.

The Terminal Tool allows Galil commands to be easily sent to and from Galil controllers and provides a Command Helper with Syntax Checker. The Editor Tool allows controller programs to be opened, edited and saved. The enhanced editor is full featured and provides cut, paste, copy, insert and find/replace functions in addition to a syntax helper which includes label detection and syntax help.

The Tuner Tool has many enhancements and provides numerous methods for servo tuning including Crossover, General, Curve Follower and Manual which allows the user to select the optimum method for tuning his system. The user can also select the final test profile as a sine wave, step response, profiled move or custom user code. For each method, the tuner scope captures and displays the controller command position, encoder position, position error and torque in response to the specified test profile.

The Scope Tool is easier to use and has more features than the prior generation. One enhanced feature is that a virtually unlimited number of traces can be displayed such as position, position error, torque, I/O status and amplifier status. The scale for each trace can be adjusted separately along with its position on the scope display. The scope also provides a drag and drop feature allowing easy selection of a parameter from the controller data record by dragging it into the scope display.

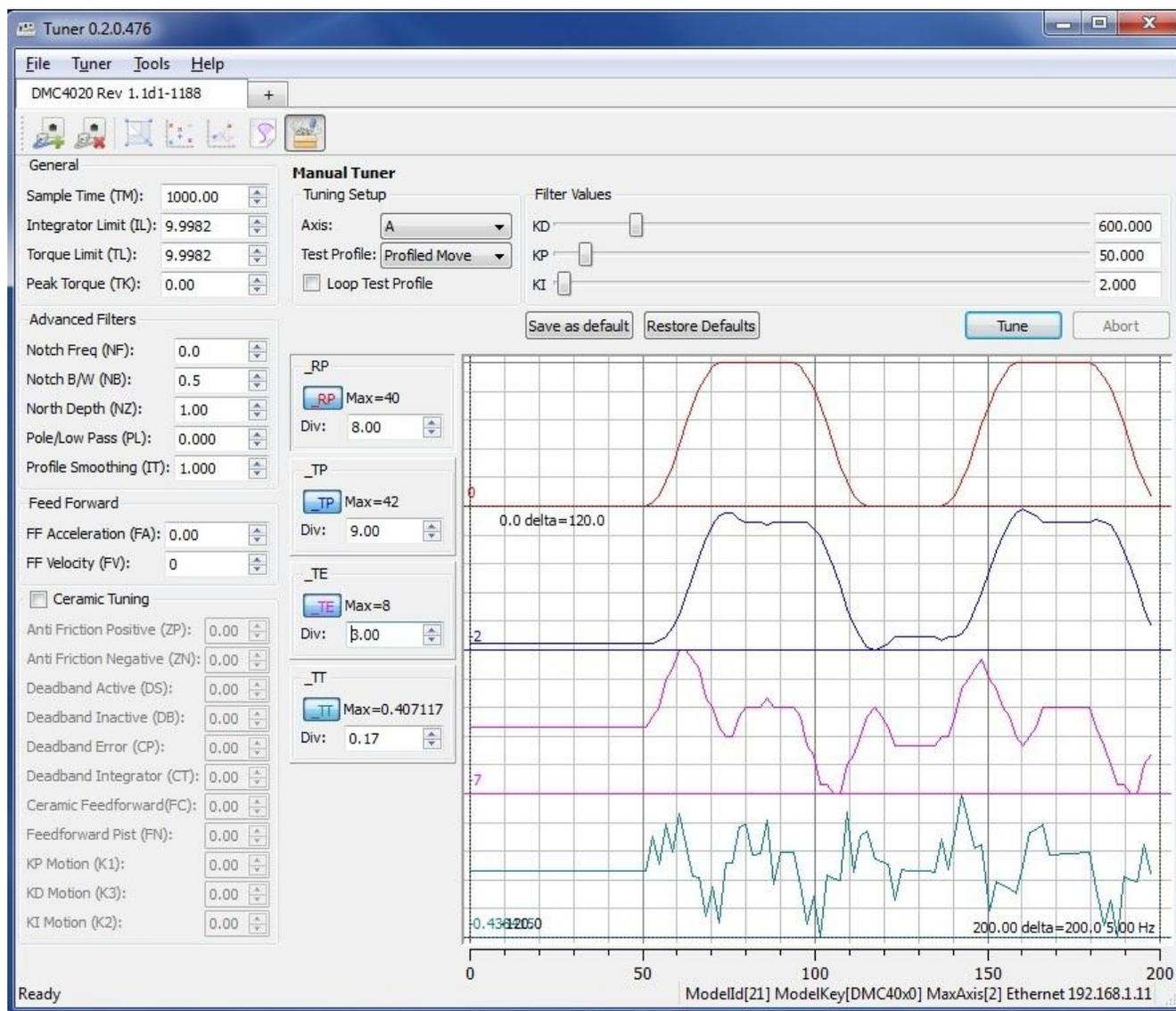
The Watch Tool provides an easy-to-read display of various controller data such as controller and amplifier status, I/O and motion parameters. Digital input and output status is shown with virtual LEDs and data such as axis position is shown in numeric format in a table. The update rate of the data capture is selectable.

GalilSuite (Beta) is currently available for customers to download and works with Windows 7 or Windows XP operating systems (Mac and Linux support will be available in the future). GalilSuite can be used with Galil's current generation motion controller products. More information can be found at: <http://www.galilmc.com/support/software-downloads.php>.

For more information about Galil, please see <http://www.galilmc.com/> or contact Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 270 Technology Way, Rocklin, CA 95765, phone (800) 377-6329 or email lisaw@galilmc.com.

About Galil Motion Control, Inc. (www.galilmc.com)

Privately held and profitable for over 100 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 and was the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 500,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced their fifth generation single and multi-axis motion controllers for the Ethernet including the high-speed Accelera motion controllers and lower cost Econo motion controllers. Galil also offers the RIO Pocket PLC series for intelligent I/O control over Ethernet. Follow us on Twitter at [@Galil](https://twitter.com/Galil), like us on Facebook at <http://www.facebook.com/Galilmc>, subscribe on YouTube <http://www.youtube.com/user/GalilMC> and join the discussion on LinkedIn at <http://www.linkedin.com/groups/Galil-Motion-Control-1840468>.



GalilSuite Software includes a Tuning Tool

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