

New 5009XT System

Background

The 5009 systems are standardized versions of the MicroNet TMR control with factory-installed Steam Turbine application programming. The current system is the 5009FT, which was released in 2009 with a minor upgrade in 2016.

The 5009FT is being replaced by a new generation of 5009 called the 5009XT. The XT offers updated hardware & new software with Cybersecurity capability, generation application programming derived from the 505XT steam core and new I/O and display/HMI options.

Description

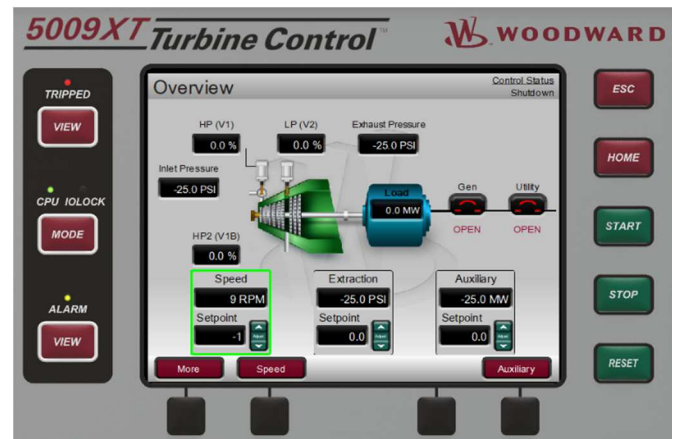
The 5009 XT is based on the latest 5466-1347 MicroNet TMR CPU and Coder TMR 1.01. This CPU adds CANOpen fieldbus capability for integration with Woodward products, user password levels with secure password authentication and Achilles Cybersecurity certification.

The XT Steam Core is stable and offers many enhancements over the previous steam core.

The 5009XT provides a simplified offering with three base versions (for different input voltages) and multiple option kits. Base 5009XT part numbers include three CPUs, three Kernel Power Supply, Redundant Main Power Supplies, three Speed/AIO Combo, three HDDIO, one main TMR chassis, one Power Supply Chassis. All kits are pre-loaded with the required software.

Woodward's RemoteView software now serves as both an HMI workstation and a configuration device for the system. RemoteView is available pre-installed on a 17" WIN 10 touch panel PC or it can be installed on a PC of the customer's choice.

The 5009XT can be pre-packaged in a control cabinet by Woodward or one of Woodward's partners. The XT Application software can also be customized and installed on a MicroNet TMR. Please contact your Woodward representative to discuss these options.



Please see Product Spec 03466 for detailed specifications.

Affected Units

Base 5009XT Kits:

8262-1141	5009XT w/2 120V AC/DC Power Supplies
8262-1142	5009XT w/2 220V AC Power Supplies
8262-1143	5009XT w/2 24V DC Power Supplies

5009XT Options:

8928-7574	Actuator Kit (adds 2X 2 Channel Actuator modules)
8269-1073	17" Touch Panel preloaded with Woodward tools and RemoteView license
8928-5311	RemoteView Unlimited Runtime license for use with customer's PC
8928-7577	*SPC (Servo Position Controller) kit (2X SPC, CAN cables and termination resistors)

*Requires Rev. A Application software

Customer Action

The 5009XT system will be released in late June, 2019. For more information, please see Product Specification 03466.

The 5009FT will continue to be supported for systems expansions, spares and repairs. Woodward recommends that new applications use the 5009XT because it has our most robust TMR CPU and Steam Application Core. The 5009FT system will become Non-Preferred for use on new systems starting December 2019.

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