

NEW GENERATION OF VMD CONTROLLERS FROM WEST



West Instruments is pleased to announce the launch of its new line of 'Plus Series' valve motor drive (VMD) discrete controllers, the 6170+ (1/16 DIN), 8170+ (1/8 DIN) and 4170+ (1/4 DIN). They supersede the N series and have added new features including:

- Remote Setpoint Option
- Modbus Communications
- Transmitter Power Supply
- Open Loop Valve Control with or without Position Indication

They also offer an improved Plus Series interface and greater field flexibility, as well as incorporating the proven reliability of existing Plus models.

The controllers are used for continuous online open loop control of valve motor drives or electric actuators. This allows for accurate control without the need for slide-wire feedback. This lowers the cost of the motor and wiring, without sacrificing control.

The controllers incorporate our advanced tuning algorithms, with selectable pre-tune and self-tuning for easier setup. The self-tune also reduces output activity to an absolute minimum without compromising control quality, thereby reducing wear and tear on mechanical components such as valves, contactors and relays. In test, these controls have cut down valve oscillation from 30 to 40 times a

minute to just a few. Pre-tune plus self-tuning has also been shown to get on control up to 3 times faster.

Our *Plug and Play* Technology allows you the ability to easily add to the controller's features by simply installing additional plug-in boards. Inputs, Outputs, Alarms, and Communications are all field upgradeable! This allows you to only pay for the options you need.

The controllers are also easy to set up – either via PC configuration software or via the front buttons.

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