

In many industrial applications it is necessary to be able to control a device manually. Often a potentiometer or rotary switch is used, but this method can be too coarse and not easily repeatable. Texmate have developed a versatile and easy-to-use selection of manual stations, using their Tiger 320 Series controller, that produce an accurate, digitally controlled and scaled 4 to 20 mA or 0 to 10 V output.

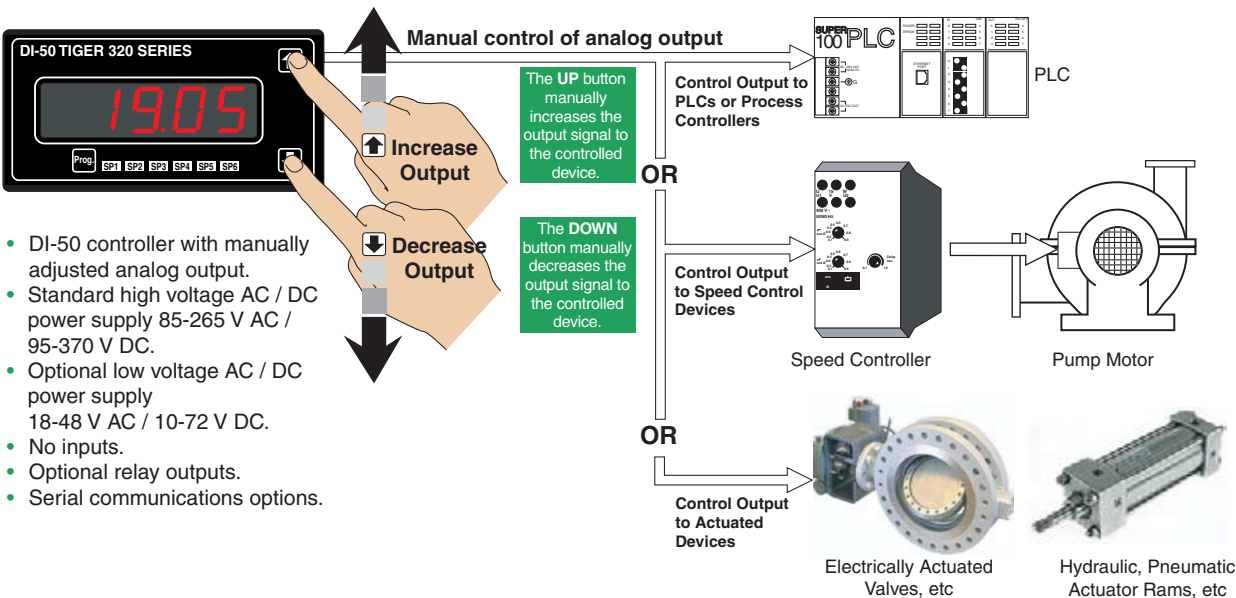
The digital value shown on the controller display is proportional to the scaled output and is adjusted directly through the front panel buttons to ensure precise and repeatable operation.

For Texmate's auto manual station, see Application Note 57 – Auto Manual Station.



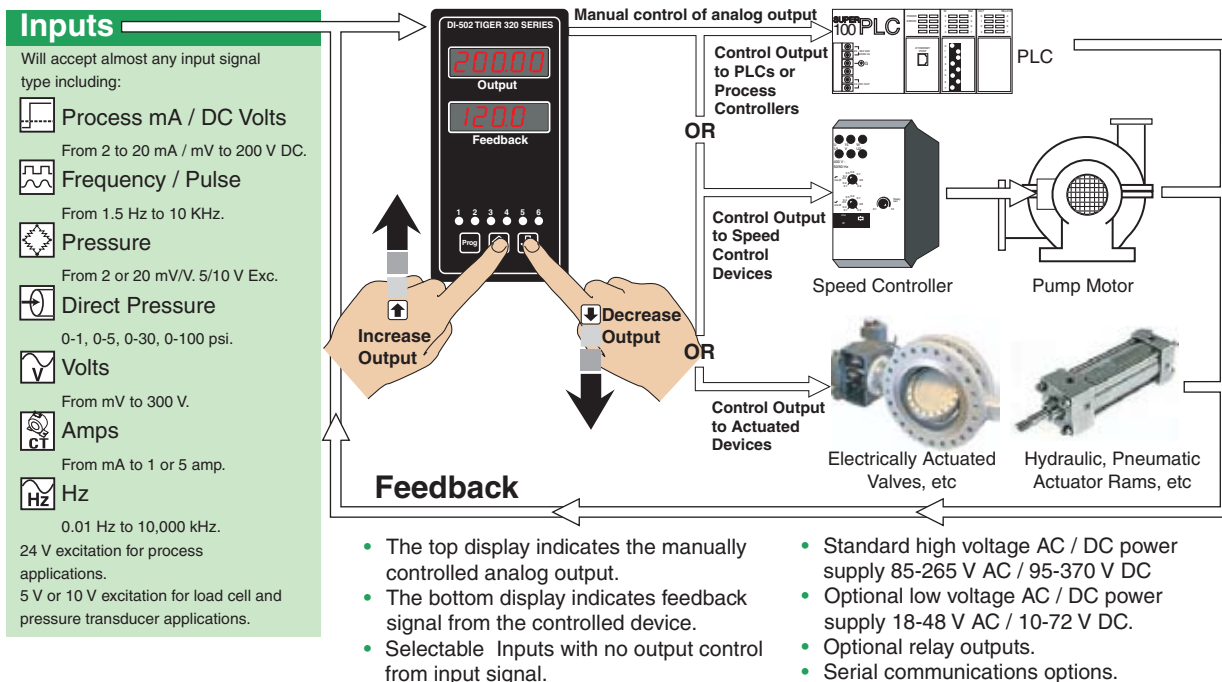
APPLICATION FUNCTIONS

### Manual Station with Manually Controlled Analog Output



- DI-50 controller with manually adjusted analog output.
- Standard high voltage AC / DC power supply 85-265 V AC / 95-370 V DC.
- Optional low voltage AC / DC power supply 18-48 V AC / 10-72 V DC.
- No inputs.
- Optional relay outputs.
- Serial communications options.

### Manual Station with Input Signal and Manually Controlled Analog Output



- The top display indicates the manually controlled analog output.
- The bottom display indicates feedback signal from the controlled device.
- Selectable Inputs with no output control from input signal.
- Standard high voltage AC / DC power supply 85-265 V AC / 95-370 V DC
- Optional low voltage AC / DC power supply 18-48 V AC / 10-72 V DC.
- Optional relay outputs.
- Serial communications options.

#### TEXMATE CONTROLLERS FOR THIS APPLICATION

Basic Order Codes	Comments
DI-50E—DR—PSI—000—IAC	
DI-502E—RR—PSI—XXX—IAC	Dual display. Output and feedback.

Prices are for listed components only and do not include configuration charges if applicable. Sensors can be purchased from a supplier in your area. Submit your "Request for information" together with your contact details.

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