



# **Digital Controller & Recorder Instruments**

#### **DIGITAL CONTROLLERS - UT100 SERIES**

#### UT/100 Series:

- (1/16) (1/8) (1/4) Din
- Universal Inputs
- 500ms Scan Time
- · Control Outputs: Select from relay, current, pulse
- Retransmission (NA UT130)
- · Alarms: Two
- RS485 MODBUS
- · UL, CE, CSA



#### **DIGITAL RECORDERS - SR10000**

#### Features:

- 1, 2, 3, 4 (pen) or 6 (dot)
- DCV, TC, or RTD inputs
- · Large 10 x 18 mm LED display
- · Auto and manual display
- 100mm chart width / 16m chart length
- Pen step response of 2 sec.
- 100 240 ACV power supply

#### **Product Differentiators:**

- Dot model step response of 6 dots/1 or 2.5 sec.
- Dot model recording period: 6ch/10sec
- Pen chart speed of 10-12,000 mm/hr in 40 increments
- · Dot chart speed of 10-1,500mm/hr
- · Alarm functions 4 levels





## **Electronic and Mechanical Instruments**



## **535 Single Loop Controller**

NEMA 4X instrument front POWERTUNE® Universal input Fully isolated inputs and outputs

#### **535 Profile Controller**

NEMA 4X instrument front 20 recipes/programs 24 segments per recipe Guaranteed soak with adjustable hysteresis 3 event output capability Remote start, stop, and hold capability

## **545 Double Loop Controller**

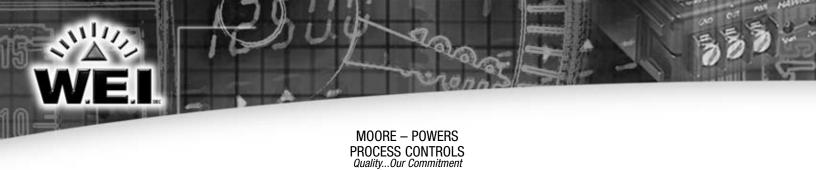
Single or dual loop operation
NEMA 4X instrument front
POWERTUNE®
Ratio and cascade control
Feedforward and flow pacing control with fixed and variable lag time capability

## Flowrite® Stainless Body

1/2" to 2" NPT connections 2 and 3 port body styles Stainless or Stellite trim Class IV close-off Multiple trim sizes available Equal percent linear flow characteristic

#### Flowrite® Automatic Control Valve

Stainless steel, bronze, and cast iron valves Flow control of steam, gas, water, light process fluids Sizes 1/2" to 8" with two- and three-way mixing Long life packing assembly Compact, multi-spring, corrosion-resistant actuator Class IV tight shut off in single seat valves



# **Electronic and Mechanical Instruments -**



## 531 1/4 din PID Backup Station

Automatic PID backup of critical control loops Not a point of failure! NEMA 4X instrument front Full indication and alarm capability



# 532 1/4 din Auto/Manual Backup Station

Automatic manual backup of critical control loops Not a point of failure! Full indication and alarm capability Manual station available NEMA 4X instrument front



#### 555 1/4 din Chlorination Controller

Flow proportioning control Residual control Compound loop flow pacing control Dechlorination with sulfur dioxide NEMA 4X instrument front



## #11 Self-Operating Temperature Regulator

Maintains temperature with no external power Rugged "set it and forget it" design Available for heating, cooling or mixing applications Temperature range of 0 to 300°F Maximum operating pressure of 200 psig, in 1/2" to 4" sizes Wide variety of bulbs and accessories