

SECTION 6

Controllers / Paper Recorders

(Process / Temperature Controllers,
Pneumatic & Self Operated Control Valves)

- Moore - Powers Process Controls
- Yokogawa (YCA)

Controllers and control devices from
the following manufacturers are also
available but not shown in catalog:

- Simpson
- Texmate
- Triplett (LFE)
- W.E. Anderson / Dwyer / Love
- Yokogawa (YCA)

**CONTROLLERS &
PAPER RECORDERS**



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



6

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



MOORE – POWERS
PROCESS CONTROLS
Quality...Our Commitment

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