



## SPEC200® 230S Series Control Display Station

The 230S Control Display Stations are used with SPEC200® Control Units to provide an output signal for process control, a visual indication of the set point, measurement and output values, and the controls of operator adjustment of the set point and output signals.

Station Types: Manual Set, Remote Set, Remote/Local Set, Ratio Set, Single Station Cascade

Input Signals: 0-10 V dc

Output Signals: 0-10 V dc

Set Point and Station Tuning: 0-10 V dc

Accuracy:

*Measurement and Set Point Indication:*

±0.5% of span

*Control Unit Output Indication:* ±2% of span

Manual Output Drive: Up to +8.33 V dc

Power Required (Basic Unit Only): +15 V dc +5% at 50 mA; -15 V dc +5 at 40 mA

Mounting: 202S Series Shelf (occupies 1 unit of shelf space)

Options: Station Tuning of the Control unit, Measurement Recording and Various Alarm Functions (Other options available)



## SPEC200® 235S Series Manual Station

The 235S Manual Stations provide an operator with the display and adjustments required to operate a SPEC200® manual control loop.

Input Signals: 0-10 V dc

Output: 0-10 V dc

Accuracy:

*All Inputs, Outputs and Indications:*

±0.5% of span

Power Required: +15 V dc +5%; -15 V dc +5%

Mounting: 202S Series Shelf (occupies 1 unit of shelf space)

Options: Indication of Remote Signal, Signal Distribution Panel (Other options available)



## E20S Series Electronic Recorder

The E20S Series Electronic Recorder records up to three electronic measurement signals on a 4-inch wide strip chart.

Input: 4-20 mA, 10-50 mA, 1-5 V dc,

Number of Inputs: 1, 2 or 3

Pen Type: Fiber-tip Disposable

Accuracy: ±0.5% of span

Power Required: 105-125 V ac or 210-250 V ac, 50/60 Hz

Chart Drive: Electric, Roll or SCAN-FOLD®

Mounting: 202S Series Shelf (occupies 2 units of shelf space)

Options: Nameplate, Tear-Off Bar or Chart Guide Scale, Alarms, Lights (Other options available)



## SPEC200® 202S Electronic Shelf

The 202S SPEC200® Electronic Shelf is used for mounting SPEC200® Display Stations, Recorders, Indicators and Auxiliary Stations and 760/761 Series Electronic Controllers.

Number of Units: Available in 1-10 Unit Widths

Measurements: *Front to Back:* 27 inches

*Height:* 8.12 inches

*Width:* 3.25 to 28 inches

Maximum Number of Shelves: No maximum number of shelves can be mounted in the same horizontal line provided there is a minimum clearance of 2.5 inches between cutouts for vertical panel bracing (if required).



## 751 Series Electronic Indicator

The 751 Series Electronic Indicator provides a means to obtain remote indication of process variables.

Input Signal:

*Analog Meter:* 4-20 mA dc; 10-50 mA; 40-200 mV

*LCD Meter:* 4-20 mA

Indication Accuracy:

*Analog Meter:* ±2% of calibrated span

*LCD Meter:* ±0.2% of calibrated range + 1 digit

Materials of Construction:

*Enclosure:* Low-Copper Aluminum

*Housing Paint:* Polyurethane

*O-Rings:* Buna-N

Options: Mounting Bracket for flat surface or 2-Inch Pipe (Other options available)

