

BTC-9300 Digital Controller



BTC-9300

Controllers

- ◆ Autotuning controller with fuzzy logic + PID processing.
- ◆ Hi-speed processor: 10 samples per second.
- ◆ Configurable input: Thermocouple, RTD, mA, mV.
- ◆ Output: mA, mV, SSR drive, Relay.
- ◆ Remote set point via the separate 4~20mA input.
- ◆ Timer function and ramp rate function.
- ◆ High and low alarms. Heating/cooling control.
- ◆ Power supply: 90~264Vac.
- ◆ RS485 or 4~20mA retransmission.
- ◆ 4 digit display.
- ◆ IP65 front panel.
- ◆ Built in pressure/pump control algorithm.

MODEL	SIZE	BASE PRICE
BTC-9300	48 x 48	\$432.00
Options		Add Price
Retransmission	4~20mA	\$95.00
Comms		\$95.00
Low Volt Power Supply	11~26Vdc	\$60.00

BTC-C21/C91 Low Cost Digital Controller



BTC-C21



BTC-C91

- ◆ Autotuning controller with fuzzy logic + PID processing.
- ◆ Configurable input: Thermocouple or RTD.
- ◆ Outputs: mA, SSR drive, Relay (Please specify when ordering).
- ◆ Selectable alarm modes.
- ◆ 1 alarm relay.
- ◆ Standard Power supply: 90~240Vac.
- ◆ Soft start ramp and dwell timer.
- ◆ 4 digit display.
- ◆ IP65 front panel C21. IP30 front panel C91.

MODEL	SIZE	PRICE
BTC-C21	48 x 24	\$242.00
BTC-C91	48 x 48	\$242.00
Option		
BTC-C21-LV (Relay Output)	Power supply: 11~26Vdc/ac	\$242.00

L91 Limit Controller

The limit control **Limitrol L91** is an over temperature protection or a high limit safety device with a latching output for shutting down the power in an abnormal condition.

- ◆ High limit, low limit and high/low limit control, programmable.
- ◆ Input: Thermocouple, RTD, mV, mA, available.
- ◆ Output: SSR drive, Relay.
- ◆ Sensor break detection.
- ◆ IP30 front panel.



L91

MODEL	SIZE	PRICE
L91	48 x 48	\$226.00

Controllers

BTC-4300 Digital Controller

- ◆ Autotuning controller with fuzzy logic + PID processing.
- ◆ Hi-speed processor: 10 samples per second.
- ◆ Configurable input 1: Thermocouple, RTD Pt100, mA, V.
- ◆ Input 2: mA, V. Remote Set Value possible.
- ◆ Event Input (DI) standard.
- ◆ Output 1: mA, V, SSR drive, Relay. (specify when ordering.)
- ◆ Output 2 option: mA, V, SSR drive, Relay (Heat/Cool control).
- ◆ Remote setting of 4~20mA.
- ◆ Timer function and ramp rate function.
- ◆ Two alarms.
- ◆ RS485 or 4~20mA retransmission.
- ◆ 4 digit display.
- ◆ IP65 front panel.
- ◆ Built in pressure/pump control algorithm.



BTC-4300

MODEL	SIZE	BASE PRICE
BTC-4300	96 x 96	\$556.00
Options		Add Price
Output 2	Specify option	\$50.00
Retransmission	4~20mA	\$95.00
Comms		\$95.00

Relay, SSR drive, mA, V.

BTC-704 Digital / Analogue Controller

- ◆ On/off or proportional control, selectable.
- ◆ Input: Thermocouple or RTD, available.
- ◆ Output: SSR drive, Relay.
- ◆ Compact size, only 65 mm deep.
- ◆ Wide selection of ranges.
- ◆ Deviation alarm $\pm 10\%$ of span.



BTC-704

MODEL	SIZE	PRICE
BTC-704	72 x 72	\$274.00

BTC-404 Digital / Analogue Controller

- ◆ On/off or proportional control, selectable.
- ◆ Input: Thermocouple or RTD, available.
- ◆ Output: SSR drive, Relay.
- ◆ Compact size, only 53 mm deep.
- ◆ Wide selection of ranges.
- ◆ Deviation alarm $\pm 10\%$ of span.



BTC-404

MODEL	SIZE	PRICE
BTC-404	96 x 96	\$274.00

BTC-901 Analogue Controller

- ◆ On/off or proportional control, selectable.
- ◆ Input: Thermocouple or RTD, available.
- ◆ Output: SSR drive, Relay.
- ◆ Compact size, only 86 mm deep.



BTC-901

MODEL	SIZE	PRICE
BTC-901	48 x 48	\$154.00

Chart Recorders

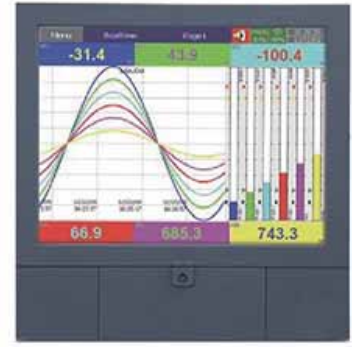
PR Series - Paperless Recorders



PR10



PR20



PR30

- ◆ Touch Screen, TFT, 65K color.
- ◆ 100 msec. scan rate.
- ◆ Internal memory: 256 MB Flash.
- ◆ CPU: ARM Cortex-A8, 1Ghz.
- ◆ Power Supply: 90~250Vac Standard. 11~36Vdc Optional.
- ◆ Standard: Ethernet, SD slot & USB.
- ◆ Option: RS232/422/485 & Pulse input.
- ◆ Protection: IP65 front & IP20 rear.
- ◆ Standards: CE, cULus & RoHS.
- ◆ Pulse input for flow applications.
- ◆ Direct Printer connectivity.
- ◆ Webserver & Email directly from Recorder.
- ◆ Remote IO channels, Virtual channels.
- ◆ Master & Slave, Modbus RTU and TCP protocols.
- ◆ Custom display pages similar to HMI.
- ◆ Batch operations, built in security & FDA 21 CFR.

MODEL	SIZE	DESCRIPTION	PRICE
PR10	144 x 144 x 189mm	Low cost Paperless Recorder 4.3" 3, 6 channels	POA
PR20	144 x 144 x 189mm	Popular Paperless Recorder 5.6" 3, 6, 12, 18, 24 channels	POA
PR30	288 x 288 x 189mm	High-end Paperless Recorder 12.1" 3, 6, 12, 18, 24, 30, 42, 48 channels	POA
Options			
6 Relay Outputs			POA
6 Digital Inputs			
11~36Vdc Power Supply			
RS485			
Portable, Power Cord and Power Switch			

HYBRID CHART RECORDER CR06 Digital 6 channel Recorder



CR06

- ◆ Six channel dotting hybrid recorder.
- ◆ Configurable inputs: dc volts / dc milli-amps / Thermocouples / Pt100.
- ◆ 100mm chart width.
- ◆ Printing by a ribbon cassette.
- ◆ Date stamping.
- ◆ Chart speed of 10~1500mm/hr in 28 steps.
- ◆ Scan rate of 10sec/6 channels max.
- ◆ Digital outputs: 6 relay outputs for alarms.
- ◆ Digital inputs: 3 digital inputs for 12 selectable function.
- ◆ Comms: RS232C (standard) or RS485 (option).
- ◆ Front panel protection of IP65.
- ◆ Dimensions: Front Bezel = 144x144mm, Cut Out = 138x138mm, Depth = 150mm.

MODEL	DESCRIPTION	PRICE
CR06	Six channel recorder	\$2280.00
Options		Add price
6 relay outputs		\$735.00
3 digital inputs		\$545.00
RS485		POA
Out of paper sensor		\$1015.00
Consumables:		
Ribbon cassette		\$58.00
Chart		\$8.50