



Control Equipment

Temperature Controllers / Programmers

B



Stock No. 20600

Temperature Controllers

Welding Machines maybe used to provide power for pre and postweld heat treatment operations. Control of the welding machines is obtained by connecting a controller fitted with a 300 amp input and output socket for each channel located on the rear panel.

The unit has a standard temperature range of 0-2000 degrees "F". Other temperature ranges are available, if required. Each version of the unit has type 'K' polarized thermocouple input/output sockets to which a temperature recorder can be connected.

Temperature Controllers - Complete

Stock No.	Controller Type 'K' 0-2000 de-grees (F)	Energy Regulators	200 Amp Contactors	300 Amp Panel Mounted Camlocks (Feed/Return)	Dual Type 'K' Panel Mounted (T/C) Jacks
20400	2	2	2	2	2
20401	1	1	1	1	1
20450	3	3	3	3	3
20500	4	4	4	4	4
20550	6	6	6	6	6

D.C. Units: Contains all standard features described above with isolating relays, blow out magnets, complete with connectors for operation from remote programmer device.

20600	2	2	2	2	2
20650	3	3	3	3	3
20700	4	4	4	4	4
20750	6	6	6	6	6

Temperature Programmers / Controllers

P-256 Programmer / Controller



Stock No. 21500

Manual and Automatic Modes

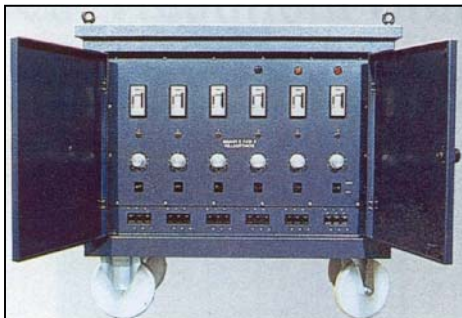
The (P-256) is a self-contained programmable profile generator complete with 6 channels of temperature control, each of which has a time proportional output relay. Each controller may be set to operate in either the "manual" mode, whereby an operator selects the output temperature set point, or "automatic" mode where the output temperature of the controller will follow is automatically generated by the set point profile generator. When in the automatic mode, the profile set point for any channel may be offset by +/- 90 degrees F, or the set point for any channel may be clamped at any value between 32 and 2000 degrees F (+/- 50 degrees C; 0-1200 degrees C).

For use with manual 6-way power sources

Supplied complete with multi pin interface cable and plug to mate with receptacle on back of power source. Cable adapters with 6 individual hubble plugs for older style units available on special request. Fully wired with 6-way type 'K' T/C jack panel, AC power cord, mounting feet and top lifting handle.

You can expand to more than 6-channels by adding S-256 controller modules of 6-channels each.

6-Way Mains Unit



Stock No.	6-Way Models
23000	Free Standing
23200	Wall Mounted

The unit converts a 3-phase / 480V / 280kW power supply to control up to (18) 277V heaters for post weld heat treatment of closing seams on pressure vessels and also powering temporary furnace installations. The unit has a 400A 3-phase incoming isolater and a 500Va double wound transformer providing auxiliary power to remote temperature recorder / programmer units. Each channel controls three heaters and has the following features.

- Facility for Auto/Manual switching each heater individually
- Energy regulator and PID temperature controller
- Two 110V 5A fuse outlet sockets

2 and 3 Zone, 3-Phase Controllers



Stock No.	Models
23020	2-Zone, 3-Phase
23025	3-Zone, 3-Phase

Converts a 3-phase 480V / 110kW / 120 Amp supply to control up to 6 ea. - 277V heaters.

The unit has 150 Amp, 3-phase mains isolater facility for Auto/Manual switching each zone. Temperature controller and energy regulators included.

(NOTE:) The 3-zone controller has an input of 480V @ 200A.