

C744 KILNMASTER AUTOMATIC CONTROLLER

FUNCTIONS:

- (1) Constant digital read out of temperature.
- (2) Automatic cut off at top temperature.
- (3) Timed soak facility (10 – 120 minutes) at top temperature.
- (4) Delay start (2 – 20 hours).
- (5) Controlled heating ramp with variable rate by percentage control and variable set point.
- (6) Continuous unlimited soak period at top temperature with manual switch off.

USE:

- (1) Connect controller to kiln and switch on mains supply.
- (2) A digital read out shows current temperature of kiln in degrees centigrade (Celsius).
- (3) Set “delay start” button if required. This switches kiln on at number of hours set after controller is activated. For kiln to operate immediately, set this at zero.
- (4) Press “ramp set” button and hold in while rotating “ ramp” knob until desired “first set point” temperature is displayed. Released “ramp set” button.
- (5) Set percentage button to desired rate of rise of temperature calculated as a percentage of full power.
- (6) Press “soak set” button and hold in while rotating “soak” button until desired top temperature is displayed. Release “soak set” button..
- (7) Set “soak timer” button if required. If no soak is needed, ensure this button is in the “cut off” position.
- (8) If infinite soak is needed i.e. more than 120 minutes, depress 00 button but remember that manual switch off is needed if this mode is selected.
- (9) Check all settings again.
- (10) Press start button. Green “active” light comes on to show controller is operating. Red “load” light switches on and off as kiln power is switched on and off.
- (11) At end of cycle, both lights go out and kiln is off.

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GRAPHICAL REPRESENTATION:

