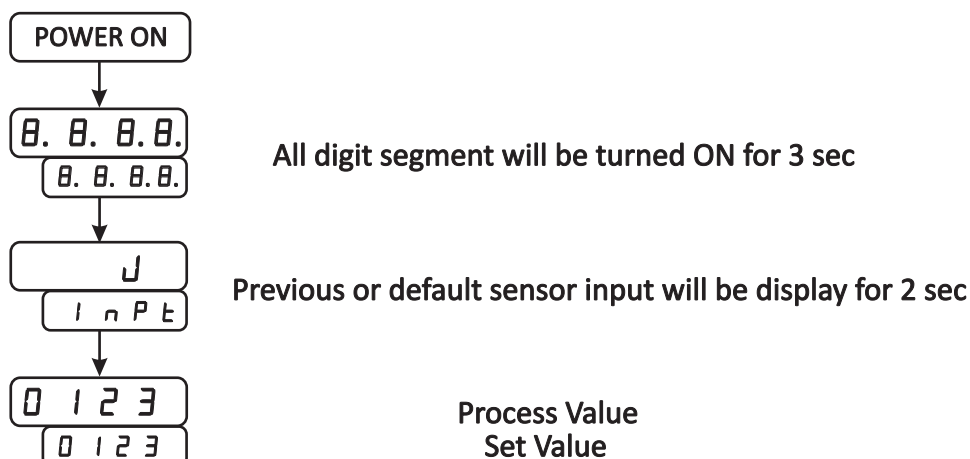


Technical Specification

Model	TC-44
Display	UPPER:- 4 Digit 7 seg .39",red LED Display LOWER:- 4 Digit 7 seg .28",red LED Display
Size	48 X 48 X 70mm
Panel Cutout	44 X 44
Input	J, K
Temperature Range	J: 0 to 600°C / K: 0 to 1200°C
Control Action	PID /TP/ON-OFF (selectable)
Output	1 relay, 1 C/O contact, 230V AC, 5A ,1 SSR, 12V DC, 50 mA
Power Supply	110 to 250V AC, 50 / 60 Hz smps

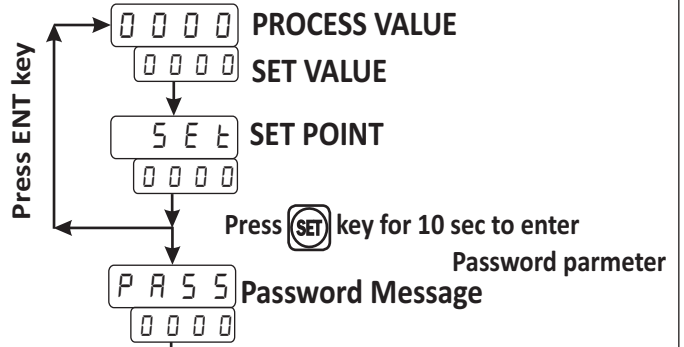
Note :

- 1) Press + key for 3 sec to go to Factory Setting mode.
- 2) Press key to go to next parameter.
- 3) Press or to enter value or to select option.
- 4) Press key for 6 sec to start/stop PID auto-tuning.
- 5) Every time the instrument is turned ON, following pattern will be displayed

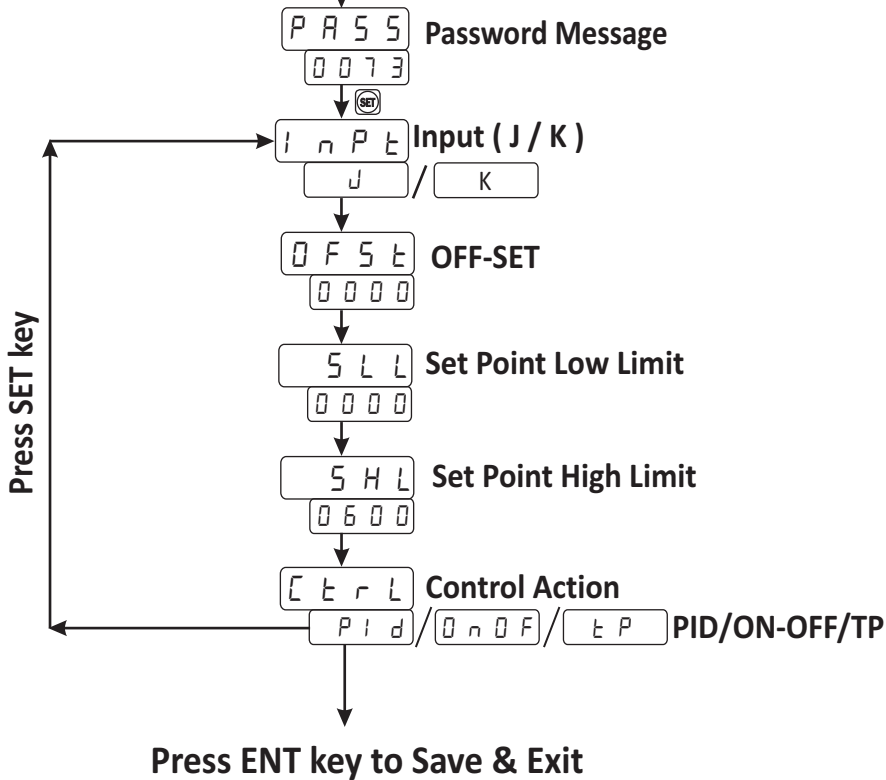


SET POINT SETTING

BASIC CONFIGURATION







TO ENTER BASIC CONFIGURATION SETTING, ENTER "73"

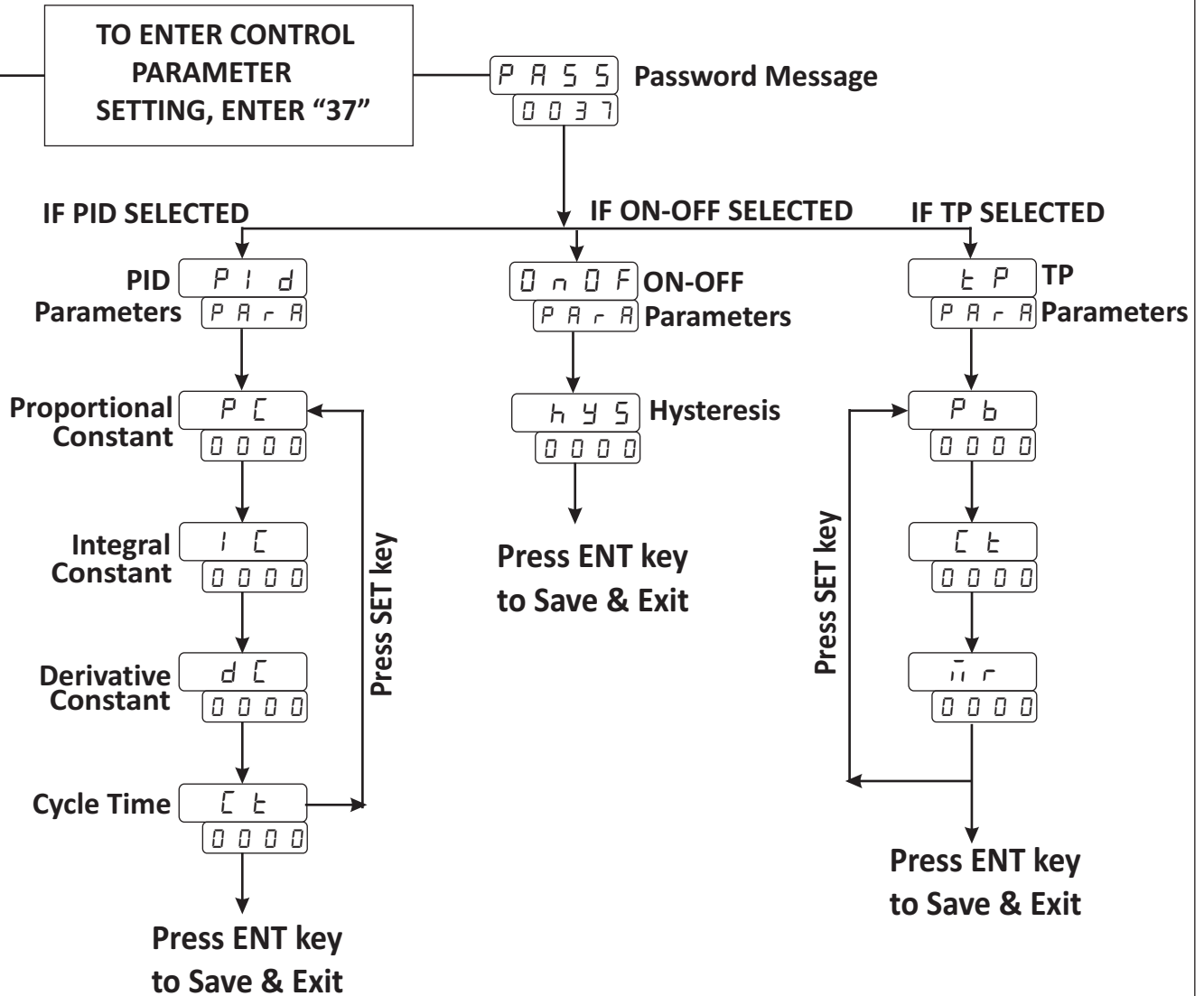


Sr.	Parameter	Range for J, K
1	PC	00.00 to 99.99
2	IC	0.000 to 9.999
3	DC	0 to 9999
4	CT	4 sec to 99 sec
5	MR	-9 to +9
6	PB	2 to 20
7	Hysteresis	1°C to 50°C
8	Off-set correction	-20°C to +20°C

Note :

- 1) Press  key to enter into an internal setting
- 2) Press  key to go to next parameter.
- 3) Press  or  key to enter value or to select option.

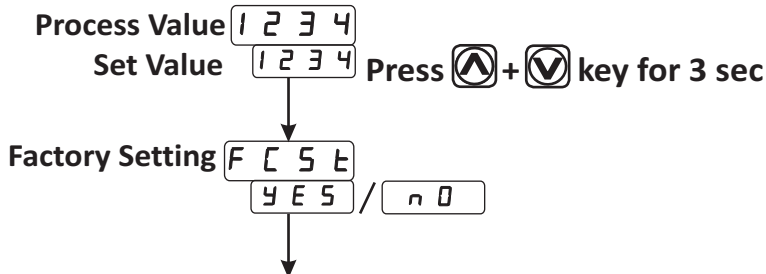
CONTROL PARAMETER



Note :

- 1) Press **SET** key to go to next parameter.
- 2) Press **▲** or **▼** key to enter value or to select option.

FACTORY SETTING



yES : press **ENT** key to apply factory set values as shown in table.
n0 : press **ENT** key to escape from factory setting.

FACTORY SETTING		
SR.	PARAMETER	VALUES
1	PC	5.000
2	IC	0.225
3	DC	25
4	CT	6 sec
5	MR	0°C
6	OFFSET	0°C
7	HYSTERESIS	3°C

Connection Diagram:

