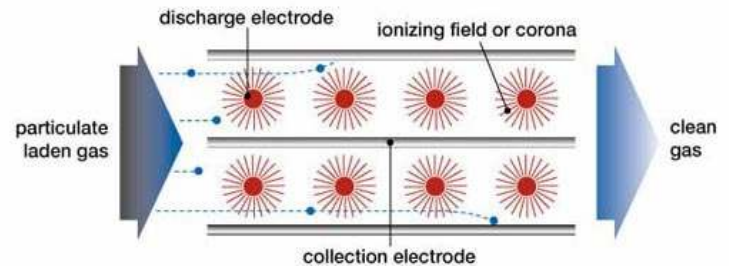
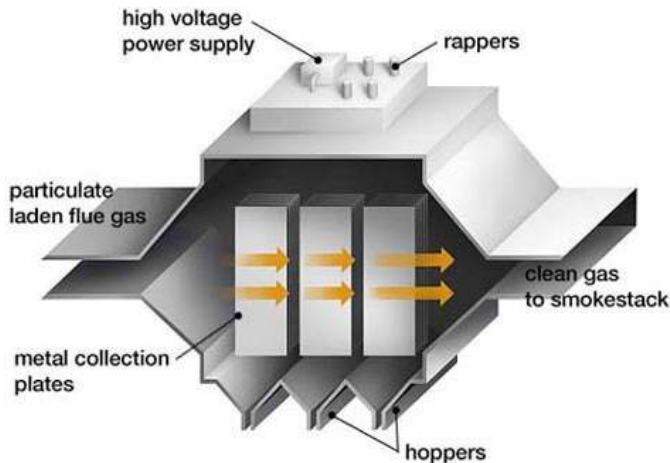


FEATURES

- ❑ Compact timer
- ❑ Microcontroller based
- ❑ Alphanumeric LCD display
- ❑ Fully programmable
- ❑ Keyboard programmable
- ❑ Intelligent program lock facility
- ❑ High performance

Model RP200 is a compact microprocessor based rapping timer used in electrostatic precipitator, which is an air pollution control device. To improve collection efficiency and ensure proper functional use of the precipitator, a rapping system is applied to the collection plates and electrodes to dislodge the collected dust layer. A falling weight or fixed rotating hammer controlled by the rapping timer raps the collection plates, causing vibration that knocks off the dust layer.

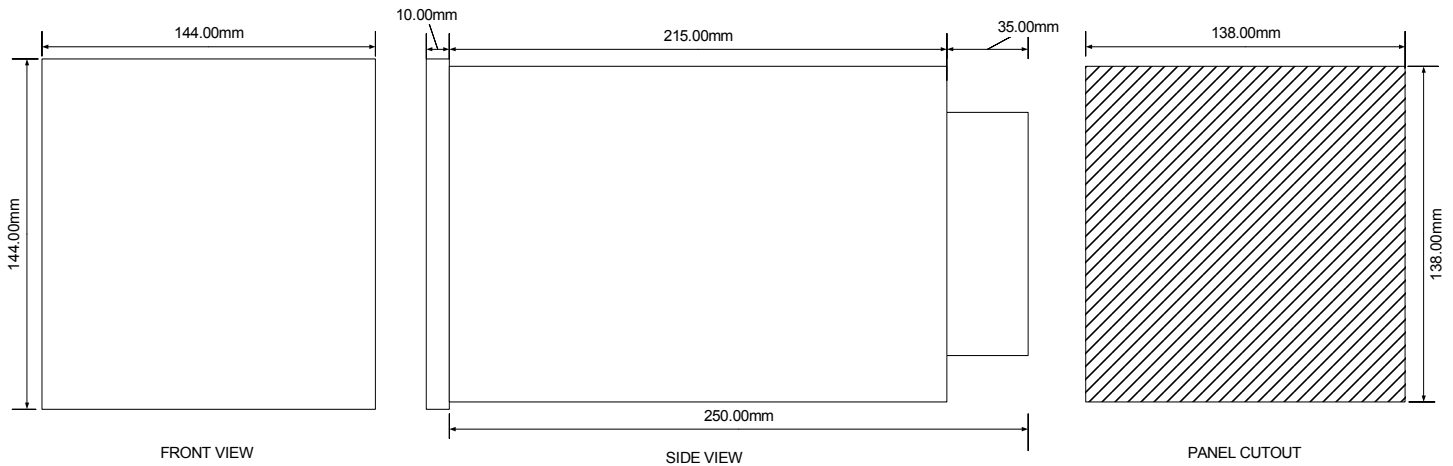


All parameters in RP200 are programmable via keyboard. All programmed values are stored permanently in non-volatile memory. Intelligent program lock is provided so that set parameters cannot be tampered with. Skip function is provided to switch off unused channels. After power on the timer is in RUN state and depending on mode setting starts operation. The programmer has three modes of operation LOCAL, REMOTE and TEST. In local mode the programmer starts immediately on power on, in remote mode the timer operation is controlled by the potential free remote N/O contact. When remote contact is closed the timer starts running and when remote contact is open the timer stops. Test mode is provided to test the timer 6 times the normal speed. The test mode operation is same as local mode, only timer speed is increased and timer running relay will not be energized. Use of rapping timer in electrostatic precipitator provides an effective means operation in dust control.

SPECIFICATIONS:

Supply voltage	:	Universal SMPS suitable for 95 to 265V AC and 110 to 300V DC
Number of channels	:	15 maximum <ul style="list-style-type: none"> ▪ GD – 1 ▪ CE – 7 ▪ EE – 7
Display	:	<ul style="list-style-type: none"> ▪ Bright red LED for channel number and value ▪ 2 line × 16 character alphanumeric LCD backlit display for programming and status indication
Relay outputs	:	1 CO relay output
Output rating	:	3 A, 230 V AC Non-inductive
Remote ON/OFF input	:	Potential free N/O contact
Keypad	:	Eight keys sealed membrane keypads with tactile switch
Signal & Power connection	:	Screw connectors suitable for 1.5/ 2.5 sq. mm wire
Fixing arrangement	:	Panel mounted
Mounting	:	Flush panel
Overall size	:	144 (W) × 144 (H) × 250 (D) mm
Panel cutout	:	138 × 138 mm, Depth 250 mm
Ambient humidity	:	95% maximum non-condensing
Ambient temperature	:	0 - 55 Deg. C
Gross Weight	:	2.5Kg max.

EXTERNAL DIMENSIONS:



ORDERING CODE:

