



GK-72

Photo-electricity with Automatic Deviation Controller

OPERATING INSTRUCTION

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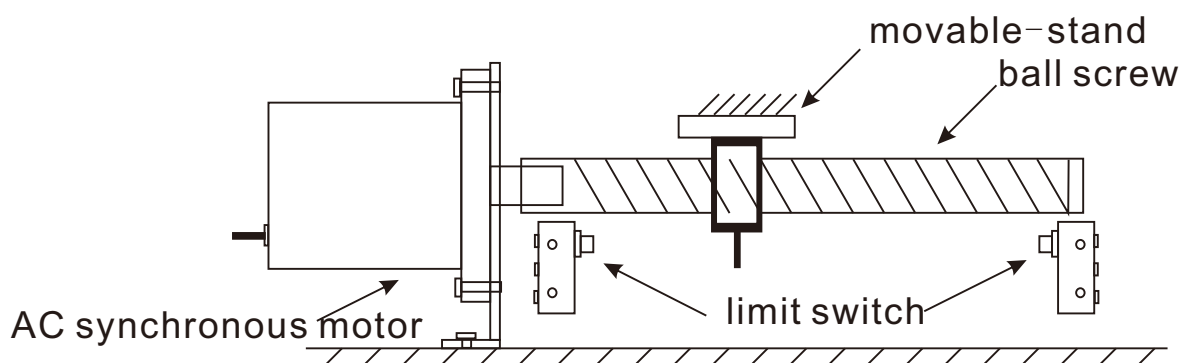
ONE. INTRODUCTION

The core of deviation controller adopts actual more advanced single ship to control machine more intelligence. It can select single or double electric eye to correct- error. The single electric eye increases rectify response speed adjust function, which can effectively reduce vibration and noise when rectify. The controller can rectify and control paper or film etc. fit with electric eye and rectify executing agency. Thus they are applicable to cutting machine and printing machine and so on.

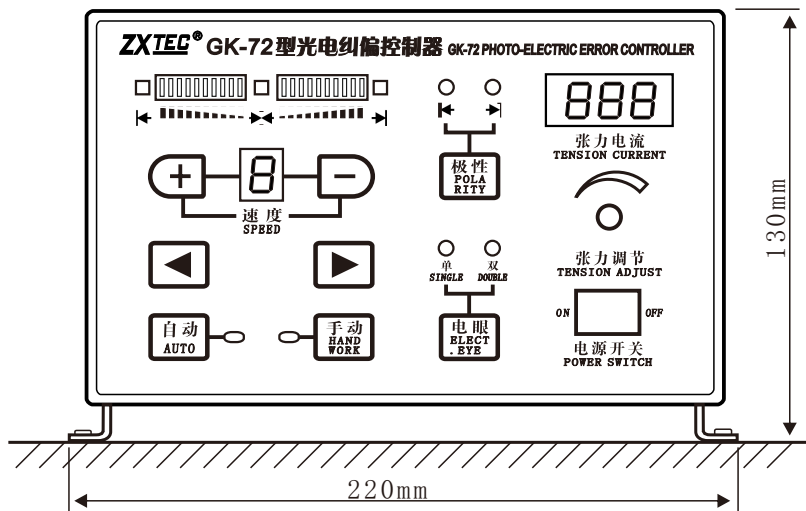
TWO. MAIN PARAMETER:

rectify response time	1ms-50ms adjustable
rectify precision	It depends on photo-sensor
max. output current	3A
rectify mode	single/double electric eye
outer interface	manual/auto; left/right
photo-sensor interface	12V power /NPN output interface
rectify drive mechanism	AC synchronous motor
tension adjust range	0-3A permanent current output
dimension	190*120*125 mm
working voltage	AC 220V $\pm$ 15%

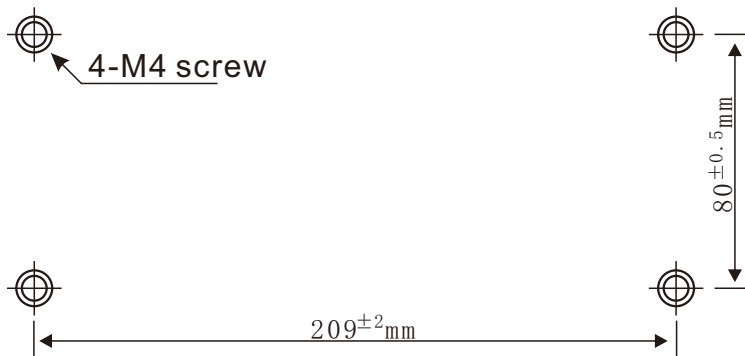
THREE. RECTIFY DRIVE MECHANISM SCHEMATIC DIAGRAM:



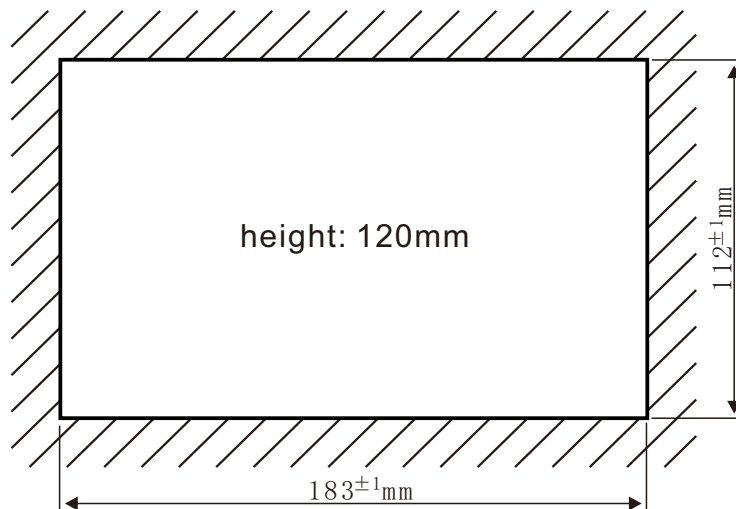
FOUR. INSTALLATION DIMENSIONS:



Floor-mounted installation dimensions

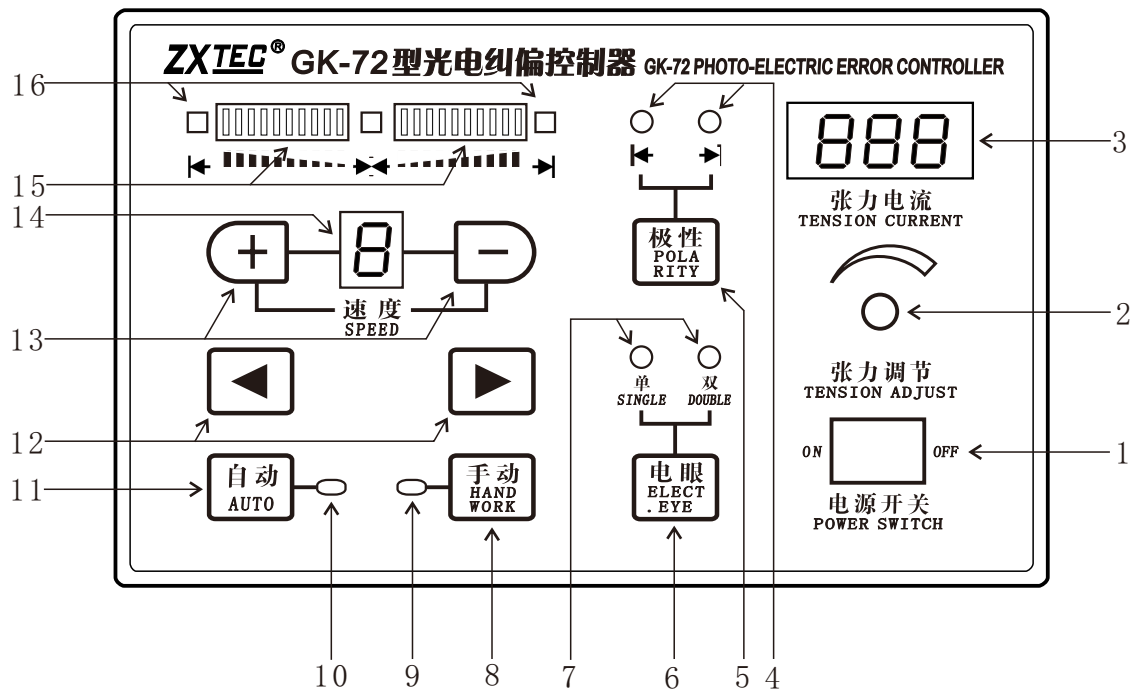


Dimension of installing screw hole floor-mounted

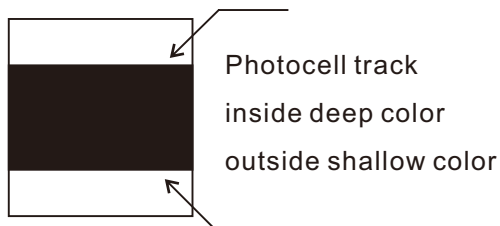


Perforation size of installation panel embedded

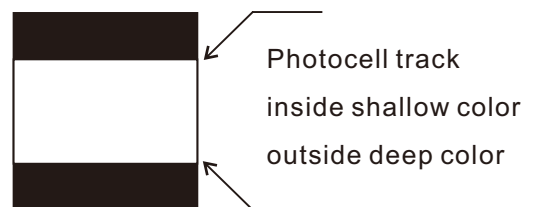
FIVE. PANEL CONSTITUTES:



1. Power switch: Main power control for deviation controller.
2. Tension adjust potentiometer: Adjust measure of output current.
3. Tension current pilot: It shows present tension output current.
4. Polarity indicator: It shows present working polarity of controller.
5. Key for selecting polarity: You can select correct-polarity according to the deviation materials. Select polarity can reference graphic as follow:

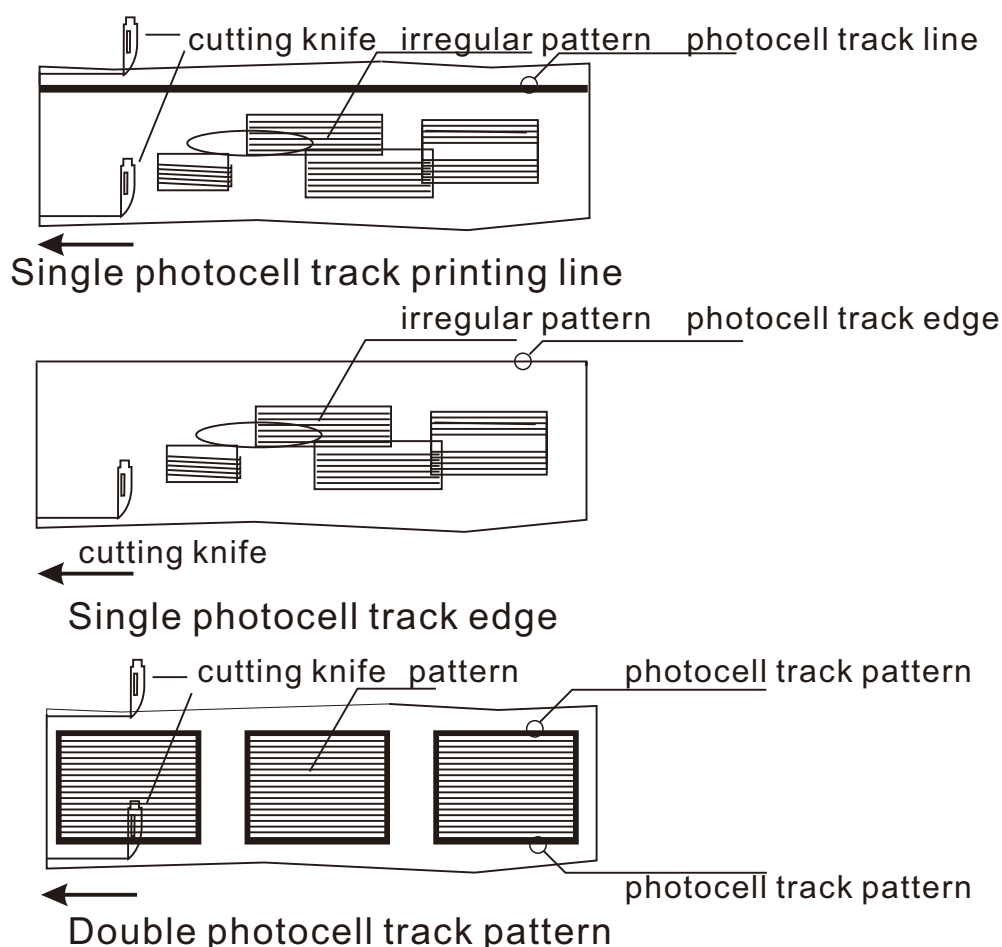


Polarity “→”



Polarity “←”

6. Key for selecting photocell: You can select single or double photocell to work according to the deviation materials. Select photocell can reference graphic as follow:



7. Photocell pilot: It show the photocell working mode of the controller.
8. Manual button: It is used to select the manual working mode for the controller.
9. Indicating lamp for manual status: It is ON when the controller is at the state of manual.
10. Indicating lamp for auto status: It is ON when the controller is at the state of auto.
11. Auto button: It is used to select the auto mode for the controller.
12. Inching button: Press this two button can inch rectify drive mechanism to move left or right.
13. Adjust key for track speed: Press this two key can adjust reaction speed of the controller.
14. Display track speed: It shows track speed of the controller. 0 is lowest and 9 is fastest.
15. Deviation output pilot: This two LEDS shows output track direction.
16. Limit indicating lamp: It means the rectify drive mechanism have moved to effectively track range.

SIX. WIRING DIAGRAM:

