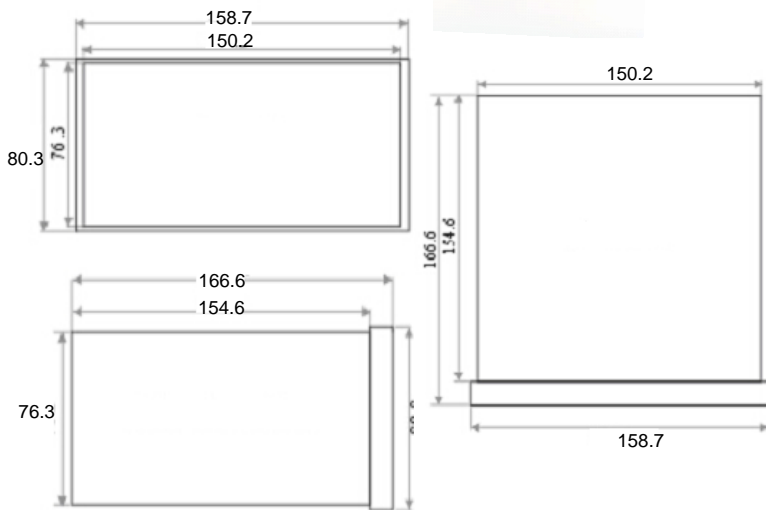




# 6 Materials Batching Controller

## Model FC501



### Technical parameters

Power supply	AC220V $\pm$ 20% 50HZ $\pm$ 2%
Power consumption	$\leq$ 10W
Temperature for working environment	-10 °C~40 °C
Humidity for working environment	$\leq$ 90%RH
Capacity for control contact	AC220V/5A
Instrument keyboard	4 soundable key in total
Display mode	13 numeric bits
Display of measuring range	0~59999
Display of graduation quantity	$\leq$ 15, 000
Display of graduation value	1, 2, 5, 10, 20, 50
Internal resolution	$\leq$ 500, 000
Sampling speed	$\leq$ 200Hz
Temperature coefficient	$\leq$ 0.005%
Non-linear error	$\leq$ 0.01%FS
Input sensitivity	$\geq$ 0.5 $\mu$ v
Excitation power supply for sensor	$\leq$ DC8V, 200mA
Input impedance for sensor interface	$\geq$ 20M $\Omega$
Zero point voltage range for sensor	-2 mA~+16mA

### Main functions and features

1. Integrating weighing, display, communication, printing and proportioning into one unit
2. Incorporated switch power supply, which can be normally used within the voltage floatation range of 40%
3. Available of simulation and digital filtration functions
4. Automatic fault diagnosis for easy troubleshooting
5. Complete material proportioning control functions
6. Automatic/manual proportioning available
7. The proportioning operation can be paused at any time and the operation will continue after restarting
8. Automatic zero position tracing function
9. Automatic return-to-zero after electrifying
10. Automatic return-to-zero after starting of proportioning operation
11. 9 formulas available for automatic selection
12. 6 kinds of charge can be controlled
13. Automatic charging control for all kinds of charge with inching compensation function
14. The formulas can be modified and printed at your will
15. Proportioning batch can be freely set for convenient rationing production
16. 9 report printing formats available
17. Automatic charge consumption accumulation and the accumulation result can be printed out.
18. Provided with automatic impetus delay function
19. Provided with manual/automatic setting fall correcting function
20. Provided with code authority power setting function for easy management
21. Zero setting range, tare reduction range, overload range and tolerance, filtration times can be set.