



INJECTION

Gas-Assisted Injection Controller



Model: EJS series

Introduction of Gas Assisted Injection Molding (GAM)

Gas Assisted Injection Molding (GAM) technology is a revolutionary innovation in the global injection molding industry, it provides higher improved plastic part quality, more molding design freedom, higher production efficiency and reduced manufacturing cost. The work principal of GAM is to inject high pressure nitrogen into the plastic melter at the preset pressure and time, which can inflate the interior of the plastic part to create a hollow, but keep the plastic parts surface and shape complete and intact. T

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EJS SF-1/2/4 gas-assisted main control system

The gas-assisted main controller is the most important equipment configuration in the gas-assisted injection molding equipment system. It mainly cooperates with the injection molding machine to control the pressure and time of high-pressure nitrogen injection. Our EJS SF-1/2/4 gas-assisted main controller provides 1 to 4 gas injection gas channels, and two signal interfaces can be provided to one or two injection molding machines at the same time.

EJS SF-1/2/4 gas-assisted main control system adopts high-quality Mitsubishi programmable PLC and 7-inch color touch screen, which provides users with a friendly control system and monitoring system interface, making production operations simpler and easier. EJS SF-1 / 2/4 gas-assisted main controller has a built-in high-pressure electromagnetic proportional valve. It has advanced design, precise structure, high response sensitivity, strong reliability, and stable repeated output air pressure.

Specification

| | |
|-----------------------|--------------------------|
| Maximum work pressure | 350bar |
| Voltage | 220VAC(1P)+/-10%.50/60HZ |
| Power Consumption | 0.15-0.3KW |
| Dimension | 439 × 398 × 1070(mm) |

Optional accessories:



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