

# AIR CONTROLLER

Model **ACS8**

*Simple  
Tough  
Stability*

*Pneumatic Drive Valve System*

*Individual control on each valves*



Standard type with Caster base ( Option)

### *Simple*

The LCD touch panel makes checking and the modification of settings easy.

It enables you to get a grasp on the operation conditions readily available.

It also shows Warning messages that indicate alarming conditions.

### *Tough*

O/C on the PLC direct drives the Solenoid valves.

This system uses no relay therefore it enables you to prevent the Solenoid valves from a malfunction caused by contact fault.

### *Stability*

Bigger air supply hose.

Pneumatic circuit configuration stabilizes the open/close operation of the valves.

## Basic Function

File function. ( 100 molds condition ) / Language support. ( English / Japanese )

### Control

Controlled System	SVP, SVY, SV32/25 by Seiki Valve system and other manufacture's pneumatic drive valve system
Number of Control Circuits	8 circuits (Varied by the condition such as the type of a valve system or open-close timing.)
Control Method	Sequential control by the programmable controller
Control Mode	Each of the 8 circuits is controlled individually by Open Delay Mode 1: Timer and Open Timer. Valve Open Timing Signal is activated by a touch. Opens valves on each circuit while the valve open timing signal is ON without using Open Delay Timer or Open Timer. Valve Open Timing Signal needs to be ON until the valves are fully opened. Mode 2: Each of the 8 circuits are equipped with an individual Open Delay Mode 3: Timer to open each valves individually and all the valves are closed simultaneously with a Valve Open Timing Signal OFF. Valve Open Timing Signal needs to be ON until the valves are fully opened.
Timer Range	0.00 to 99.9 sec.(Delay timer and Open Timer)
Setting Method	Digital Setting by the number key on the LCD touch panel
Alarm Detection	Air Pressure Drop • Valve Open Signal is ON when Interlock Input is OFF • Timing Signal Re-input (mode 1 only) • Valve Open Signal is ON when opening manually * You can select "Yes" or "NO " for this function.

### Pneumatic Specification

Air Supply	0.6 to 0.9 MPa of clean air (Note: No more than 0.9 MPa)
Air Supply Coupler	110 PN (Nitto Kohki Co.,)
Regulator Setting	0.5 to 0.6 MPa (Note: No more than 0.7 MPa)
Air Pressure Drop detecting point	0.3 MPa
Solenoid Valve	PA24A5-G1-1L-D4 (Koganei 5 port, 2 position) × 8
Air Consumption	Varied by the conditions such as the type of a valve system or molding cycle.
Coupler	Outer diameter: 6mm / for urethane tube use (Opening side and close side )

### Other Specification

Power Input	AC100 to 240V Single phase 50/60Hz
Power Consumption	Approx. 80W
Operating Environment	Temperature ; 5 to 40 deg.C Humidity ; 30 to 80 %RH (Avoid condensation) Atmosphere; Avoid excess vapor, greasiness, or smoke and use of corrosive or inflammable gas
Dimension ( W × D × H )	330mm × 466mm × 448mm (Above dimensions exclude protrusion)
Weight	30 KG (Approx.)
Standard Color	Main panel : Y35-90B (Ivory) Side panel : Y75-30P ( Blue )

Note: The contents of this catalog are subject to change without notice.