

ORION

**Temperature and Humidity Controller
with Refrigerator
for Mini-Environment**

THERMAL FRESH

ADVANTAGES ;

1. Ultra Precise Control and Wide Control Range of Temperature & Humidity
2. Featured Unique Humidifier System
3. Accomplished Corrosive-resistant Evaporator
4. Chemical Filter available (Option)



AP-750FSK-DW

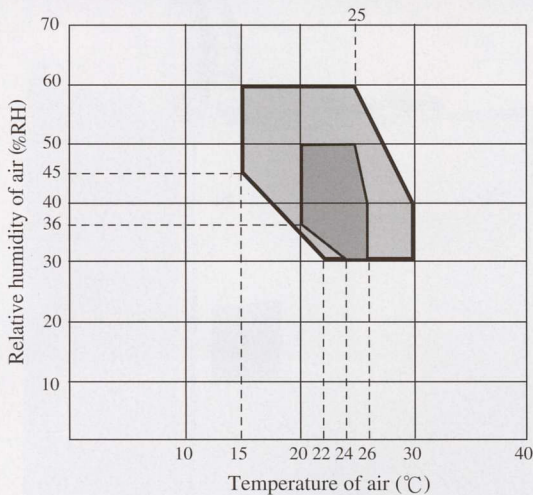
APPLICATIONS ;

- Photo-resist Coater
- LCD Product Line
- Thin-Film Production Process

SPECIFICATION

Item	Model	AP-750FSK-DW	AP-3750FSK-AW
Temperature & Humidity control precision		±0.05°C, ±0.5%RH	±0.05°C, ±0.5%RH
Control range of temperature		15~30 °C	20~26°C
Control range of humidity		30 ~ 60%	30 ~ 50%
Ambient temperature & humidity range		22 ~ 25°C, 40 ~ 50%RH	22 ~ 25°C, 40 ~ 50%RH
Blow rate range		70 ft ³ /min	460 ft ³ /min
Dimensions (H×D×W)		1004×650×530mm	1590×1050×703mm
Weight		Approx. 130kg	Approx. 400kg
Power source		AC200V-3φ (50/60 Hz) Max. current 30A Max. power consumption 7.5kw	AC200V-3φ (50/60 Hz) Max. current 75A Max. power consumption 23.0kw
DI water supply rate max.		6.0 L/min	13.0 L/min
Cooling water supply rate		8 L/min at 30°C	50 L/min at 30 °C

CONTROL RANGE



Ambient conditions

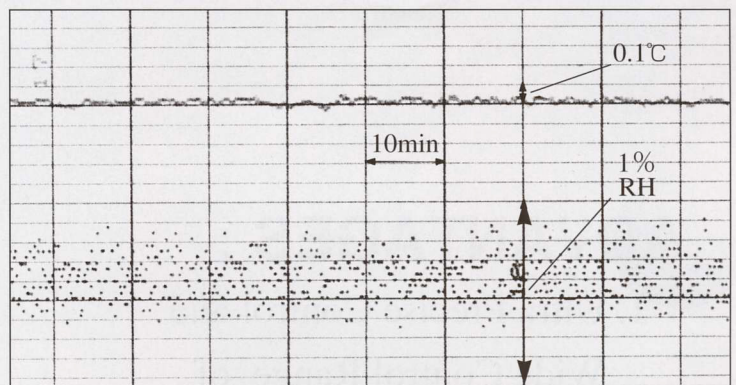
· Temperature : 22 ~ 25°C

· Humidity : 40 ~ 50%RH

□ : AP-750FSK-DW

■ : AP-3750FSK-AW

DATA



APPLICATIONS

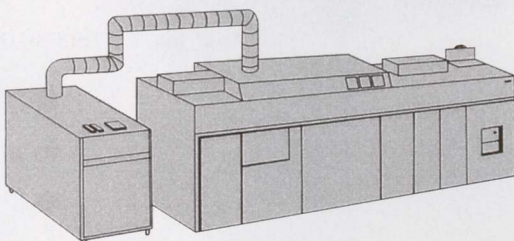
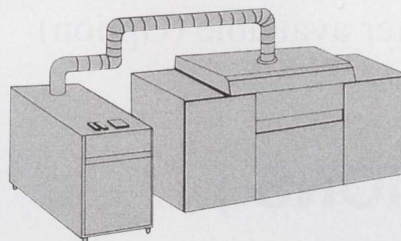
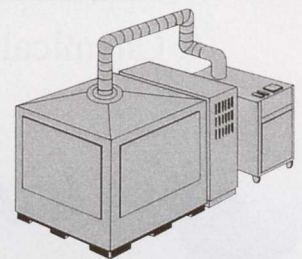


Photo-resist Coater



LCD Product Line



Thin-Film Production Process