



High and Low Temperature Impact Airflow Meter

Model	FAM1041	
Cooling mode	Vapor compression refrigeration	
Heat dissipation mode	Air-cooled	
Temperature Control Mode	Internal AIR temperature control, external DUT temperature control	
Control Mode	Manual mode/Program mode	
Ambient Temperature/Humidity	5-25°C, 5-80%RH	
Refrigerant	R134a, R404a/R23/R14	
Operating Temperature Range	-100~225°C	
Display Accuracy	±0.1°C	
Temperature Control Accuracy	±1°C	
Outlet Gas Flow	4~18 SCFM (1.9L/s~8.5L/s)	
Temperature Conversion Rate	-55°C~+125°C Approx11~12s (Maximum atmospheric flow rate)	
Lift Control	Heating head pneumatic control lifting, lifting rod motor control lifting	
Arm Extension	X: 1230mm, Y: 300mm, Z: 360°	
Communication Interface(Optional)	RS232, RS485, LAN	
Air supply Air source requirements	Gas	Clean compressed air (need to filter grease/oil molecules/moisture/dust) or nitrogen with purity≥99.5%
	Oil Content of Gas	Oil molecules: ≤0.01ppm, filtered to 0.1um oil mist pollutants
	Pressure Dew Point	<10°C@0.62MPa (90PSI), it is recommended to use clean gas with pressure dew point < -20°C
	Intake Temperature/Pressure	+5°C~+25°C/90~120 PSI (0.62~0.83Mpa/6.2kg~8.3kg)
	Intake Flow	18 to 35SCFM (Approx 8.5 to 16.5L/s);Standard 28SCFM (Approx 13.5L/S)
Power supply	220VAC/50HZ, 30Amp, 1Phase	
Noise	≤59dBA	
Weight	Approx. 250kg	
Size	620×971×1060mm	
Accessories (optional)	Test cover (round: φ140mm), Various sizes are available	

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Parts Description

