



# Yuelian Testing Machines Co., Ltd.

No. 43, Huangshahe Road, Xiabian Village, Liaobu Town, Dongguan, Guangdong, 523415, China

Tel: 0086-769-85842789

Fax: 0086-769-82287448

Website: [www.yuelian.com.tw](http://www.yuelian.com.tw)

Email: [sales@yuelian.com.tw](mailto:sales@yuelian.com.tw)

## YL-2236 Programmable Temperature & Humidity Tester

### Purpose:

Programmable constant temperature & humidity test is designed for testing the capability of heat-endurance, cold-endurance, dryness-endurance, and humidity-endurance. It is suitable for the industries of electron, electrical equipment, vehicle, metal, chemistry, building materials, luggage, adhesion tape, printing, packaging, etc.

### Specification:

Model	YL-2236A	YL-2236B	YL-2236C	YL-2236D	YL-2236E	YL-2236F
Interior Dimension (W×H×D) CM	40×50×40	50×60×50	60×75×60	60×85×80	100×100×80	100×100×100
Exterior Dimension (W×H×D) CM	110×136×71	117×146×85	130×166×91	140×176×101	170×186×111	180×196×123
Capacity (L)	80	150	270	408	800	1000
Heating Up Speed	-40℃~100℃ approx 45min					
Cooling Down Speed	20℃~0℃ approx 20min, 20℃~-20℃ approx 45min, 20℃~-40℃ approx 60min, 20℃~-70℃ approx 90min					
Temp. Range	0℃、-20℃、-40℃、-70℃~150℃					
Temp. Uniformity	±1℃					
Humidity Uniformity	±2.5%					
Temp. Stability	±0.3℃					
Humidity Stability	±2.5%					
Humidity Range	20%~98RH(available customized low humidity degree to 5%RH)					
Programmable Mode	Use high stability platinum temperature resistant materials, LCD Chinese & English touch-screen, 120 sets 1200 sections program, 999 cycles circulation setting, and enclose multiple sets of PID control function and RS-232 computer connection interface control.					
Heating System	SUS#304, stainless steel heater					
Humidification System	Surface evaporative type, enclose protection of hydropenia, interrupt of power supply and superheat for humidifier.					
Dehumidification System	Frozen & latent heat dehumidification method					
Cooling System	Adopt unary type full-closed air-cool refrigeration system above -20℃, adopt binary type full-closed air-cool refrigeration system below -40℃					
Water Supply System	Circulating water supply system, together with hydropenia warning device					
Inner & Outer Material	SUS#304, stainless steel of whole machine					
Insulation Material	Rockwool and rigid polyurethane foam insulation					
Safety Device	Breaker, compressor overload, ultra-temperature, power failure, temperature limit protection and fault alarm					
Temp. & Humidity Regulation	Balance adjustment temperature & humidity method					
Standard Accessories	Automatic demist fogging glass window, 2 sets of adjustable upper and lower interlayer, cable prot, chamber lamp, mobile wheels					
Optional Accessories	Grapher					

Power	AC220V/380V±10%, 50/60Hz
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