

Illuminated Incubator FLI-2000A • 2000H • 2000T • 2000HT



FLI-2000

Air flow	Forced convection, descending air
Lighting range	0~approx.25000Lx
Lighting	Fluorescent light

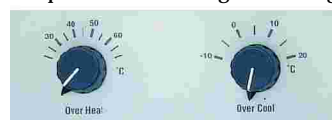
Control panel



Air curtain mechanism



Independent overheating/overcooling protector



Features

- Controls the temperature, humidity and lighting in order to reproduce a natural environment as much as possible.
- Variable light control by light sensor (T.HT model).
- By using an optional unit, it is possible to control at high illumination suited to the culturing conditions.

Specifications

Product name	Illuminated Incubator			
Model	FLI-2000A	FLI-2000H	FLI-2000T	FLI-2000HT
Cat.No.	204840	204850	204860	204870
Air flow	Forced convection, descending air current			
Temp. control range	0~50°C (light off) 10~50°C (All light on) 15~50°C (Top light on) 15~50 (High brightness*Bottom light on)			
Temp. control accuracy	Mode 1: ±0.5°C, Mode 2: ±1.5°C			
Temperature uniformity	±4°C			
Humidity control	—	50~90%RH	—	50~90%RH
Humidity accuracy	—	±5%~±17%	—	±5%~±17%
Humidity Uniformity	—	Mode1: ±17% Mode2: ±25%	—	Mode1: ±17% Mode2: ±25%
Illumination control	0~Approx. 25000Lx (about 295μ mol) 6 Step control Option: High brightness unit 0~ Approx.50000Lx (about610μ mol) 7 Step control		0.500~Approx.25000Lx (about 295μ mol) Steples control (10Lx unit) ±100Lx — Option:Top lighting unit 0~ Aoorix 35000Lx	
Temp. control	Mode1: Heater P.I.D control Mode2: Refrigerator ON/OFF control			
Humidity control method	P.I.D control			
Temp. and humidity setting & display	Sheet key input. Digital setting. Digital display. Minimum display scale: 0.1°C • 0.1%RH • 10Lx (T • TH type)Integrated time meter (1~999days 23hr59min). Selection of Total display or Grafic display.			
Defrost control method	1. Automatic control (Operating) 2.Forced manual control (manual start, auto stop) 3.Timer control (Auto. Start. Auto stop. Repeat)			
Additional functions	Temp. and humidity display calibration. Illumination display calibration (H.HT). Maintenance mode. Sterilization lamp. Program function. External input and output. Safety functions			
Illumination	White Fluorescent lamp 40W*15pcs			
Refrigerator & Refrigerant	Air cooling method:40W • R134a			
Chamber dimensions & Capacity	520W*520D*1085Hmm. 290L			
Chamber inner shelves & load	Anti-bacterial stainless*3pcs. Max. load 25kg/shelf			
Cable hole/Service terminal	Right and left two sides. 1D 40mm. Output terminal 2 (Total Max. 1A)			
Ambient temperature	5~-35°C			
Overall dimensions (mm)	720(750)W*850(914)D*1810H (High lighting unit built in:2110H. Top lighting unit built in 1910H)			
Weight	250kg	260kg	250kg	260kg
Power source	AC100V 50/60Hz			

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Bath, Cold Trap

Immersion Thermo-Regulating Bath NTT-2200 • 2400	P.54
Water Bath SB-350 • 1000, OSB-2000	P.55
Constant High Temp. Bath with Magnetic Stirrer PS-1000	P.56
Constant Low Temp. Bath with Magnetic Stirrer PSL-1400 • 1800 • 2000	
Dry Thermo Bath MG series	P.57
Desk top type Cold Trap UT-1000 • 2000	P.58
Floor type Cold Trap UT-3000 • 4000 series	P.59
Inline Trap Unit	P.60

