

氮吹仪

Pressured Gas (N2) Blowing Concentrator



<http://www.laiheng.com>

氮吹仪套装组合系列 (N2) Blowing Concentrator Set

L-128型试管氮吹浓缩仪，与L-119、L-129系列试管恒温加热仪，及L-139水（油）浴加热仪配套使用。主要应用于大批量样品的浓缩制备，如药物筛选、激素分析、液相、气相及质谱分析中的样品制备。

L-128 series Sample Concentrator mounts a precision controlled L-119, L-129 Dry Block Heater or L-139 Water (Oil) Bath enabling samples to be heated quickly and efficiently to the required temperature to assist evaporation, Therefore, they make the unit a particularly useful tool in the preparation of samples for analytical techniques including drug screening hormone assay, chromatographic analysis and scintillation counting.



原理: 该仪器通过将氮气吹入加热样品的表面，使样品中的水分迅速蒸发、分离，从而达到样品无氧浓缩的目的，保持样品更纯净。
Theory

As the sample being heated gas is passed via the gas chamber through hypodermic needles on to the surface of the test solution, so providing the environment for rapid evaporation and sample concentrator.

快捷: 使用氮吹浓缩仪代替常用的旋转蒸发仪进行浓缩，能同时浓缩几十个样品，使样品制备时间大为缩短，并且具有省时，易操作，快捷的特点。
Convenience

pressured Gas Blowing Concentrator is often instead of rotatory evaporator, because they can evaporator and they can evaporate many samples at same time, which is of save time, easily handle and rapidly finish.

简易: L-128型试管氮吹浓缩仪最多可使90支试管同时浓缩，氮吹针管互相独立，不会引起交叉污染。氮吹针管为优质不锈钢制造，可重复使用，有127mm和76mm两种长度供用户选择。
Simple

L-128 Sample concentrator is dried up to 90 sample at same time without cross contamination. The stainless steel needles can use again and again. There are two types needles: 76mm and 127mm can be choice.

氮吹仪与微孔加热仪套装组合 Pressure Gas Blowing Concentrator Suit		
序号Number	套装组成	单位
套装1	L-128+L-119A +3个金属模块Blocks (型号任选) + 100根吹气针needles	1套/set
套装2	L-128+L-119P +3个金属模块Blocks (型号任选) + 100根吹气针needles	1套/set
套装3	L-128B+L-129A +2个金属模块Blocks (型号任选) + 100根吹气针needles	1套/set
套装4	L-128B+L-129P +2个金属模块Blocks (型号任选) + 100根吹气针needles	1套/set

氮吹仪与水（油）浴加热仪套装组合 Pressure Gas Blowing Concentrator Suit		
序号Number	套装组成	单位
套装1	L-128+ L-139 + 1个金属支架Racks (型号任选) +100根吹气针needles	1套/set
套装2	L-128 +L-139P +1个金属支架Racks (型号任选) +100根吹气针needles	1套/set

氮吹仪

Pressured Gas (N2) Blowing Concentrator

L-128系列氮吹仪由大理石底座、不锈钢支架和氮吹头组成，氮吹头可上下移动，方便实验操作。L-128氮吹仪按3模块面积设计、最多可同时干燥90个样品。L-128B氮吹仪按2模块面积设计，最多可同时干燥60个样品。

L-128 series make up of marmoreal setting, stainless steel bracket and hypodermic needles. The hypodermic needles are set in silicone rubber matrix assembly enabling their positions to be configuration as well as it can easily up and down.



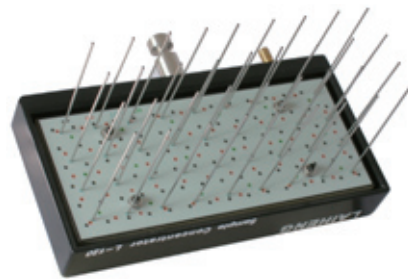
L-128氮吹仪

L-128 contains 3 blocks and can be dried up to 90 samples at same time.

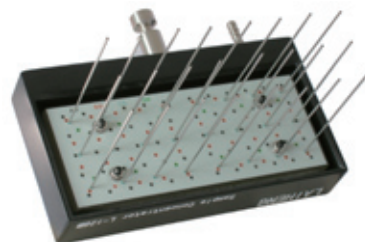


L-128B氮吹仪

L-128B contains 2 blocks and can dry up to 60 samples at same time.



L-128适用3模块



L-128B适用2模块

技术参数 Specification

产品编号 Number	型号 Model	名称及技术性能 Name and specification	单位 Quantity
04-023	L-128	氮吹仪（最多可插针头90根） Sample Concentrator (At Most 90 hypodermic needles) 气腔最大垂直位移Max.Vertical Shift :380mm 最大气体流量Max.Air consumption:12L/min 外形尺寸 Dimension:300×320×570mm 大气压力 Max.Gas Pressure:15Kpa 进气咀直径Diameter of inlet:7mm 重量Net Weight :4Kg	1台/Set
04-023	L-128B	氮吹仪（最多可插针头60根） Sample Concentrator (At Most 60 hypodermic needles) 气腔最大垂直位移Max.Vertical Shift :380mm 最大气体流量Max.Air consumption:12L/min 外形尺寸 Dimension:300×320×570mm 大气压力 Max.Gas Pressure:15Kpa 进气咀直径Diameter of inlet:7mm 重量Net Weight :4Kg	1台/Set
04-024	N127	针头（127mm）100支/包 Hypodermic needles(127mm/pack of 100 needles)	1包/pack
04-025	N76	针头（76mm）100支/包 Hypodermic needles(76mm/pack of 100 needles)	1包/pack

金属模块恒温仪

Dry Block Heater

L-119、L-129系列金属模块恒温仪是为适应实验室在试管、离心管及微孔板内进行恒温培养和加热反应，及进行消毒、灭活、样品浓缩等需要而设计制造的，最高温度可达100℃、200℃。

L-119/L-129 Dry Block Heaters are suitable for test tubes, cuvettes, microcentrifuge tubes, and other small containers. L-119 and L-129 are particularly suitable for microbiology and clinical laboratory for inactivation sample concentration and other general uses. They are also used for variety of industrial applications.



本系列仪器体积小，适用于从Φ6~Φ26范围内的管径，有20多种加热模块供用户选择。仪器采用最先进的加热元件和控温方式，使仪器升温速度快、加热均匀、控温准确、稳定性高并具有节能无噪音的特点。是目前欧美实验室内流行的培养加热仪器。

L-119/L-129 Dry Block Heaters are drilled with choice of different hole's size for tubes or containers ranging from 6mm to 26 mm diameter. They adopt popular units of heating and control, make it heat up rapidly, stable and accurate as well as energy saving and without noisy.

技术参数 Specification

型号 Model		L-119A	L-119P	L-129A	L-129P
产品编号 Number		04-002	04-003	04-004	04-005
温度范围 °C Range of Temperature		RT+5°C~100°C	RT+5°C~100°C	RT+5°C~200°C	RT+5°C~200°C
温度稳定性 Stability of Temperature	40°C	±0.1°C	±0.1°C	±0.1°C	±0.1°C
	100°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
程序控制 Program Control		无	4段	无	4段
相同模块最大温差 Between Identical Block		0.01°C	0.01°C	0.01°C	0.01°C
可装模块数 Max. Quantity of Block		3	3	2	2
外形尺寸 Dimension		320×280×120	320×280×120	320×280×120	320×280×120
净重 Weight		4.5Kg	4.5Kg	3Kg	3Kg

L-139型水(油)浴试管恒温加热仪

Water (Oil) Bath

L-139型水(油)浴试管恒温加热仪是专门为适应在试管中进行恒温培养、恒温反应及样品浓缩等需要而设计制造。

L-139 Water (Oil) Bath are the economical answer to every laboratorial need for a compact constant temperature heater suitable for taking culture chemical reaction and sample concentration and other general uses.



本仪器体积小，配有专用的试管架，试管直径从Φ14~Φ26均可选配到相应的试管架。试管架对试管定位准确，可与本公司生产的L-128型氮吹仪配套使用，符合农残检测对于样品浓缩吹扫的要求。仪器采用PID恒温控制技术，液槽底部设计有搅拌装置，使液槽内的温度均匀，恒温稳定。

L-139 Water (Oil) Bath is drilled with different rack for tubes or containers ranging from 14mm to 26mm diameter. They complement sample concentrator perfectly, which can easily make test for agriculture, chemical and so on. The temperature is controlled accurately by PID mode and automatic mix on the bottom.

技术参数 Specification

型号Model	L-139A	L-139P
温度控制范围Rang of Temperature	室温+5℃ ~ 160℃ ≤±0.5℃	
温度控制方式Temperature Control Mode	PID微电脑	4段程序Program,PID微电脑
温度校正Temperature Correction	- 19.99 ~ 99.99℃	
电压及功率Voltage /power	220V/50Hz ≤500W	
外型尺寸Dimension	300×290×185(L×W×H)	
外包装尺寸Package Size	380×340×260(L×W×H)	
净重Net Weight	6KG	

金属模块恒温仪可选模块

L-119/L-129 Different Block for Coustomers

产品编号 Number	型号 Model	名称及技术性能 Name and size	单位 Quantity
04-006	A6-30	加热模块 Block $\phi 6 \times 30$ 孔	1件
04-007	A8-30	加热模块 Block $\phi 8 \times 30$ 孔	1件
04-008	B10-20	加热模块 Block $\phi 10 \times 20$ 孔	1件
04-009	B11-20	加热模块 Block $\phi 11 \times 20$ 孔	1件
04-010	B12-20	加热模块 Block $\phi 12 \times 20$ 孔	1件
04-011	B13-20	加热模块 Block $\phi 13 \times 20$ 孔	1件
04-012	B14-20	加热模块 Block $\phi 14 \times 20$ 孔	1件
04-013	C15-12	加热模块 Block $\phi 15 \times 12$ 孔	1件
04-014	C16-12	加热模块 Block $\phi 16 \times 12$ 孔	1件
04-015	C17-12	加热模块 Block $\phi 17 \times 12$ 孔	1件
04-016	C18-12	加热模块 Block $\phi 18 \times 12$ 孔	1件
04-017	D19-6	加热模块 Block $\phi 19 \times 6$ 孔	1件
04-018	D20-6	加热模块 Block $\phi 20 \times 6$ 孔	1件
04-019	D22-6	加热模块 Block $\phi 22 \times 6$ 孔	1件
04-020	D24-6	加热模块 Block $\phi 24 \times 6$ 孔	1件
04-021	D25-6	加热模块 Block $\phi 25 \times 6$ 孔	1件
04-022	D26-6	加热模块 Block $\phi 26 \times 6$ 孔	1件

L-119、L-129系列金属模块恒温仪，可适配多种金属模块，用户可根据使用试管的直径选用最适合的模块。

L-119, L-129 series Dry Block Heater have many different block. Therefore, user can choose suitable block for his tube.



L-139型水(油)浴试管恒温加热仪可选试管架

L-139 Different Block for Coustomers

产品编号 Number	型号 Model	名称及技术性能 Name and size	单位 Quantity
08-012	B14-20	试管架 Block $\phi 14 \times 60$ 孔	1件
08-013	C15-12	试管架 Block $\phi 15 \times 36$ 孔	1件
08-014	C16-12	试管架 Block $\phi 16 \times 36$ 孔	1件
08-015	C17-12	试管架 Block $\phi 17 \times 36$ 孔	1件
08-016	C18-12	试管架 Block $\phi 18 \times 36$ 孔	1件
08-017	D19-6	试管架 Block $\phi 19 \times 18$ 孔	1件
08-018	D20-6	试管架 Block $\phi 20 \times 18$ 孔	1件
08-019	D22-6	试管架 Block $\phi 22 \times 18$ 孔	1件
08-020	D24-6	试管架 Block $\phi 24 \times 18$ 孔	1件
08-021	D25-6	试管架 Block $\phi 25 \times 18$ 孔	1件
08-022	D26-6	试管架 Block $\phi 26 \times 18$ 孔	1件
08-100	S-OIL	oil 2.2L	1件

L-139系列水(油)浴恒温仪，可适配多种试管架，用户可根据使用试管的直径选用最适合的试管架。

L-139 Water (Oil) Bath have many different block. Therefore, user can choose suitable block for his tube.

