



Consistent  
Customer-First Service



Professional Technical  
Support Team



Worry-Free  
After-Sales Services

**Xi'an Tianlong Science and Technology Co., Ltd.**

Address: No.4266, Shanglin Road, Economic & Technological  
Development Zone, Xi'an, 710018, Shaanxi, P.R. China  
Tel: +86-29-8667 5008  
Fax: +86-29-8221 6680  
http: //www.medtl.net  
Email: info@medtl.com

**Suzhou Tianlong Bio-technology Co., Ltd.**

Address: 5F, Block 7, Northwest Zone of Nanopolis Suzhou,  
No.99 Jinji Lake Avenue, Suzhou Industrial Park,  
Suzhou City, Jiangsu Province, China  
Tel: +86-512-6252 7726  
Fax: + 86-512-6295 6337  
http: //www.medtl.cn

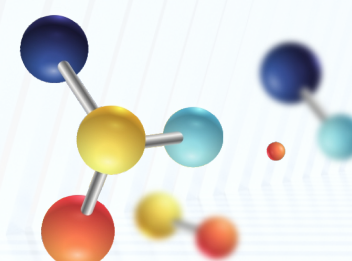


The right to change product design and specifications are reserved by Tianlong. Printed in Dec. 2022(First Edition)

[ NMPA | FDA | CE ]



## Libex Nucleic Acid Extractor




*DUAL-MODE OPERATION  
VARIOUS THROUGHPUT OPTIONS  
AUTOMATED WORKFLOW  
OPTIMIZED EFFICIENCY*

**Bring  
Technology  
to Life**





## Reliable Quality - International Registrations and Certifications



**U.S. FOOD & DRUG**

ADMINISTRATION

[Follow FDA](#) | [En Español](#)

[SEARCH](#)

---

Home
Food
Drugs
Medical Devices
Radiation-Emitting Products
Vaccines, Blood & Biologics
Animal & Veterinary
Cosmetics
Tobacco Products

## Establishment Registration & Device Listing

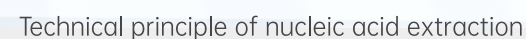
Ⓢ FDA Home Ⓢ Medical Devices Ⓢ Databases

1 result found for Owner Operator Number :  
1077922





Establishment Name	↓	Registration Number	Current Registration Yr	
XIAN TIANLONG SCIENTEC TECHNOLOGY CO., CHINA LTD.		301229842	2021	
<ul style="list-style-type: none"> <li>• Preservative ,Cytotoxic - Samples Collection Set</li> <li>• General Purpose Reagent - Nucleic Acid Extraction Kits</li> <li>• Instrumentation For Clinical Mxims, Test Systems ,Real Time PCR System, Gentler 96G, Gentler 96S, Gentler 96L, Gentler 96E, Gentler 48S, Gentler Min</li> <li>• Clinical Sample Concentrator - Automatic Nucleic Acid Visualization-PANA 9600S PANA 9600D, Nuclease And Enzyme free, GeneAmp® 96, GeneAmp® 24, Veriprep™ 24, Veriprep™ 8</li> <li>• Equipment Laboratory, General Purpose, Labeled OI Promoted For A Specific Medical Use:- Automated Sample Processing System, Genomic 48</li> </ul>			Manufacturer	
				Manufacturer
				Manufacturer
				Manufacturer



<h1>C E R T I F I C A T E</h1> <p>of Conformity</p>		 <b>TÜV Rheinland</b>
<hr/>		
<b>Registration No.:</b>	<b>AK 50311955 0001</b>	
<b>Report No.:</b>	<b>17043135 002</b>	
<hr/>		
<b>Holder:</b>	Xi'an Tianlong Science and Technology Co., Ltd. No. 389, Zhufeng Road Xi'an, Shaanxi Province 710018 P.R. China	
<hr/>		
<b>Product:</b>	Medical Device (Reuter, Anal Extensor)	
<b>Identification:</b>	Type Identification: Libbox Serial No. n.a. (Remark: Refer to test report 17043135 002 for detailed)	
<b>Tested acc. to:</b>	EN 61010-1:2010 EN 61010-2-001:2010 EN 61010-2-002:2010 EN 61010-2-010:2010 EN 61010-2-011:2010 EN 61010-2-013:2010	
<hr/>		
<p>The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the measurement requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.</p>		
		Certification Body  Dipl.-Ing. (FH) C. Nass
<hr/>		
Date <u>16.06.2019</u>		
<hr/>		
TÜV Rheinland LGA Products GmbH – Tillystraße 2 - 90431 Nürnberg		

수신 19-2019 호		영안	
<b>의리기기 수입 신고증</b>			
		합계가액으로 : 제 3호	
구	분	수입	품목/제품명 품목
명	칭	Shim Machine acid extractor, 목산추출기, 가.1, line.	문류번호 & (등급) : 830200 00 1
모	양	및 구 조	형식
원	재	료	해당없음
제	조	방	법
사	용	목	적
사	용	방	법
사	용	시 주의사항	별첨
조	장	단	위
기	제	사	항
		제조원	
(수입 또는 제조공장 인부 연락처 등)		별첨	
비	고		
『의리기기법』 제6조 제 4항 및 시행규칙 제5조 제4항에 따라 하위 값이 신고를 수리함 니다.			
2016년 09월 30일			
<b>의리기기정보기술지원센터장 (인)</b>			

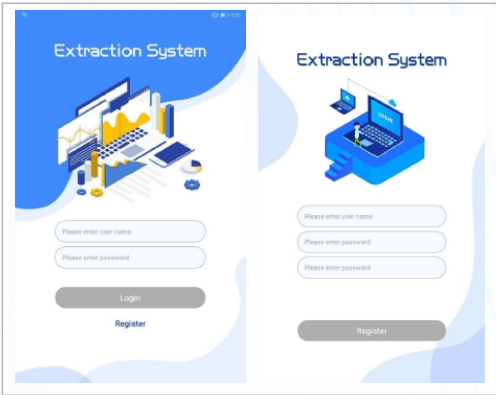
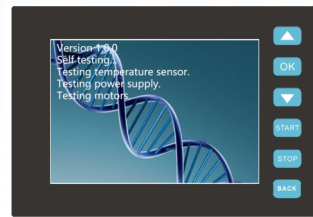
		연간 및 지원 사항 등		<div style="border: 2px solid red; padding: 2px; display: inline-block;">열람용</div>	
년월일	내 용				
2014-09-09	최초제거				
	[부가정보 (사실)]		[변경사항]		
모 통 명					
발행번호		모 통 명			
1	Liban				
제호명					
발행번호		제호명(과)			
발행번호		제호지			
1	Xi'an TianLang Science and Technology Co., Ltd.(중국어: 西安天朗网络科技有限公司, Xi'an 710008 Shangluo, Shaanxi, P.R. China.)				



FEATURES

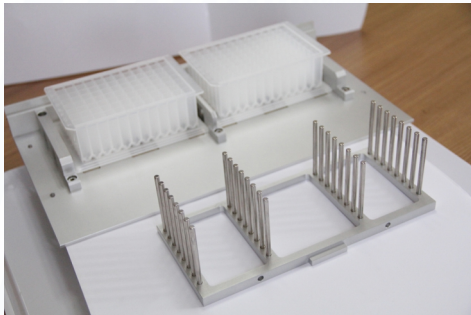
Dual-mode operation

The easy-to-use nucleic acid extraction APP in Android system enables the control and operations of your experimental programs from smart phones/tables, in addition to the machine keypads.



Various throughput options

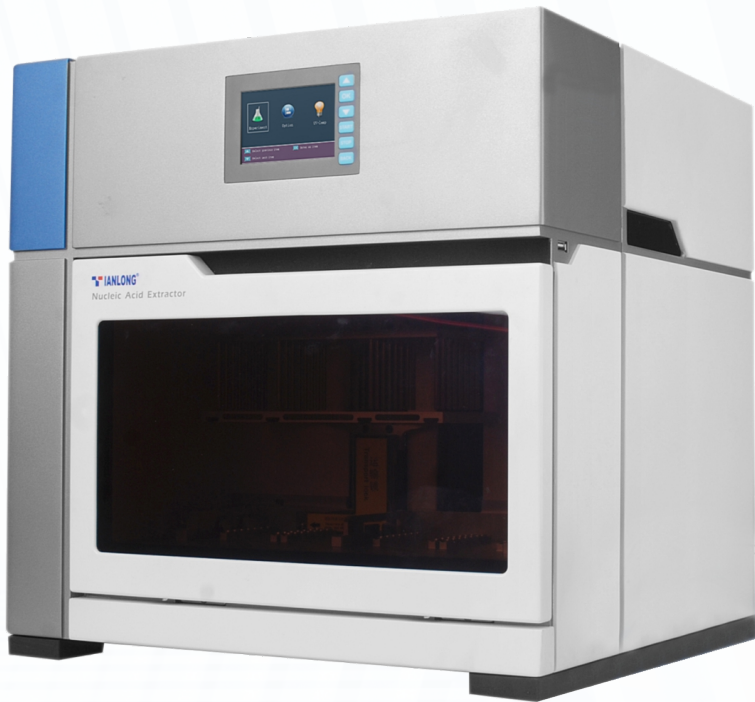
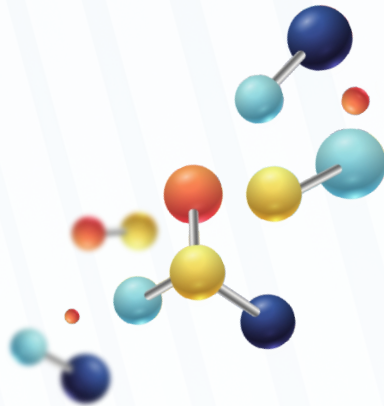
Compatible with Tianlong pre-filled reagents (tube strips and plates); Capable of high-efficiency nucleic acid extraction of 1-32 samples.



Ultra-quiet design



Your lab working experience will be quieter and more comfortable with Libex's internal air duct system and the smart magnetic frame of which the operating amplitude and frequency are automatically adjustable.

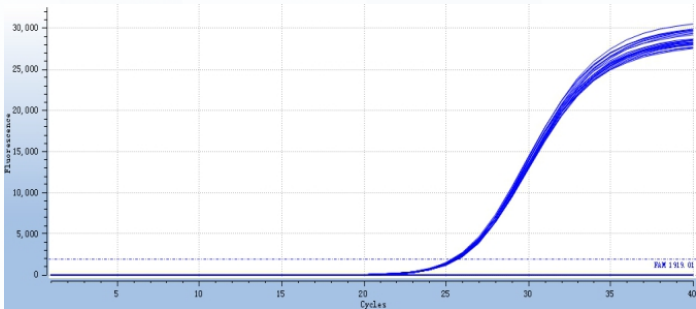


Powerful and stable sample processing capacity

Sample	S1	S2	S3	S4	S5	S6	S7	S8
A260/A280	1.80	1.81	1.81	1.79	1.81	1.80	1.80	1.81
A260/A230	2.04	2.05	2.03	2.03	2.04	2.03	2.02	2.05
ng/ $\mu$ L	106.1	107.0	106.5	106.4	106.8	106.3	106.5	106.7

Extraction results of 200 $\mu$ L whole-blood sample (Data source: Hunan Provincial Maternal and Child Health Care Hospital)

Together with Tianlong pre-filled reagents and low-sorption extraction consumables, after only one step of manual sample loading, the whole extraction process is carried out and completed in the experimental chamber, thusly minimizing any manual errors.



Real-time PCR results of the same hepatitis B serum sample after extraction (Data source: Shijiazhuang Sixth Hospital)

Contamination control and self-cleaning

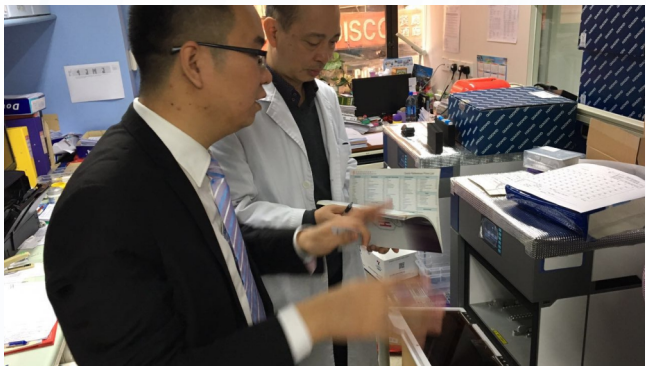
Zero cross-contamination with the unique sample cross-contamination control system and UV disinfection function.

Safe and reliable system

With automatic lock down when opened, closed operations of the experimental chamber with disposable consumables, the human-sample/reagent contact is minimized to protect you from any harmful substances.



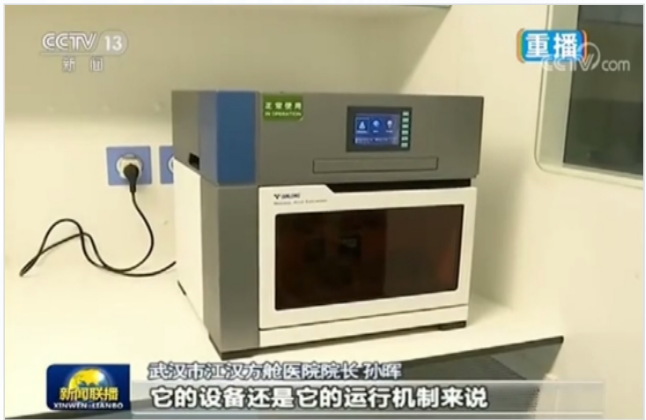
LIBEX IN CUSTOMER APPLICATIONS



Hong Kong Molecular Pathology Diagnostic Centre



Customized for an IVD company (Singapore)



Libex in Wuhan Mobile Hospital (CCTV News)



Tianlong Libex Used in Anglo Group Makeshift Laboratory in South Africa

SPECIFICATIONS

Throughput	32
Processing Volume	30-1000μL
Recommended Sample Volume	200μL
Magnetic Bead Residue	≤1%
Suitable Consumables	96-well plates, 6-tube strips
Heating Temperature	Lysis heating: room temperature to 120°C Elution heating: room temperature to 120°C
Mixing Mode	Optional multi-modes and multi-gears for mixing
Reagent Type	Magnetic beads-based extraction kits
Operation Mode	A. Cloud-enabled control via smart phones/tablets (Android); B. Machine keypad operation
Experimental Storage	Up to >500 groups of programs saved in the Android app; Up to 15 groups of programs saved in device
Program Management	Programs can be created, edited, applied and deleted with high flexibility
Contamination Control	Built-in UV disinfection module
Power Failure Protection	Choose freely whether or not to continue the experiment when the power is on again after cutting off
Connection port type	USB, Ethernet, USB Type-B
Network Connection	Cloud-enabled control on smart phone/tablet
Instrument Dimensions	435mm×440mm×445mm (W×L×H)
Weight	31.5kg (net)
Power Supply	AC 100-240V, 50/60±1Hz; 600w
Operating temperature range	10~30°C
Operating humidity range	20%-85%