Why Lockedair

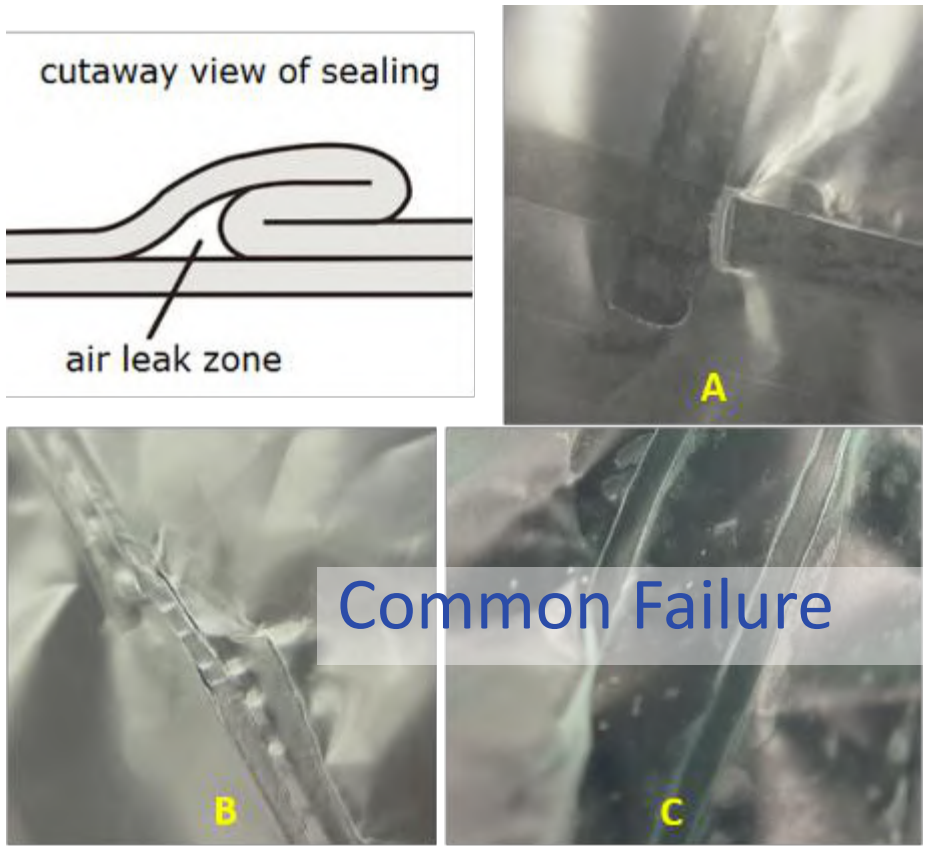
Technology

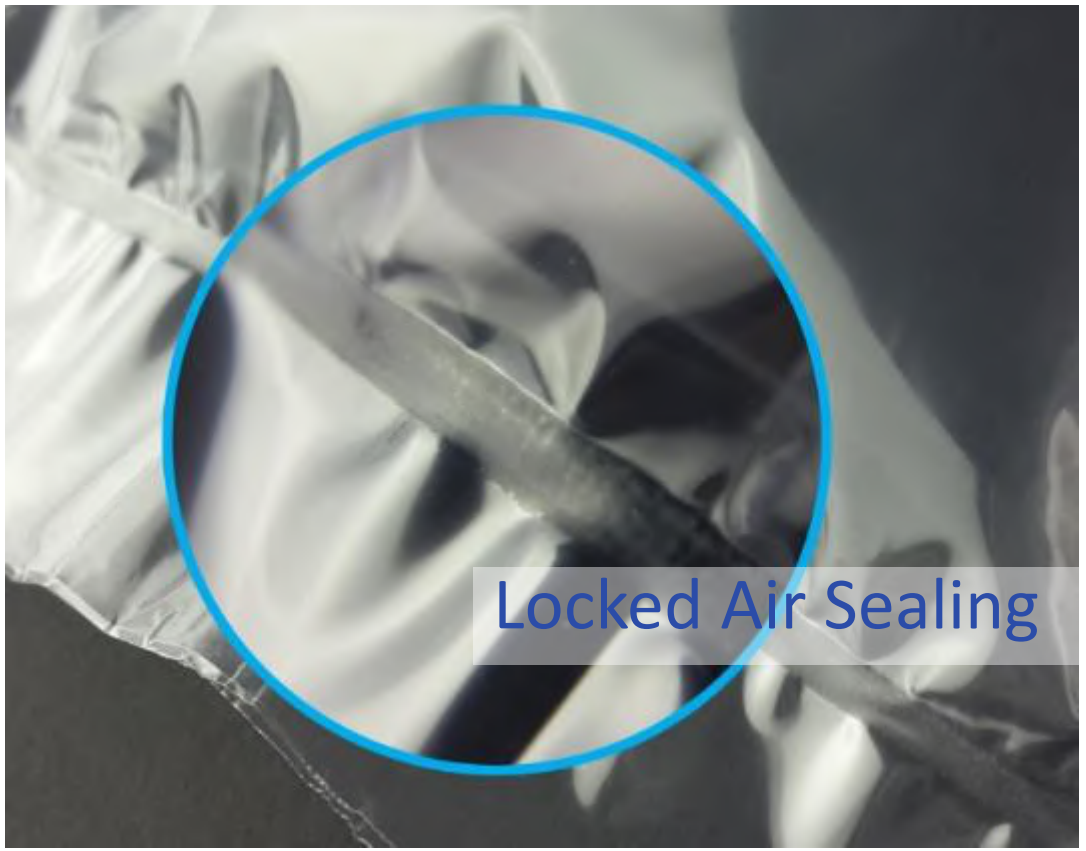
- Sound performance machine
- High Reliability system
- Good quality film

Commercial

- Lifelong spare part support
- Training & Marketing support
- Customer Oriented and agility

Sound Performance Machine

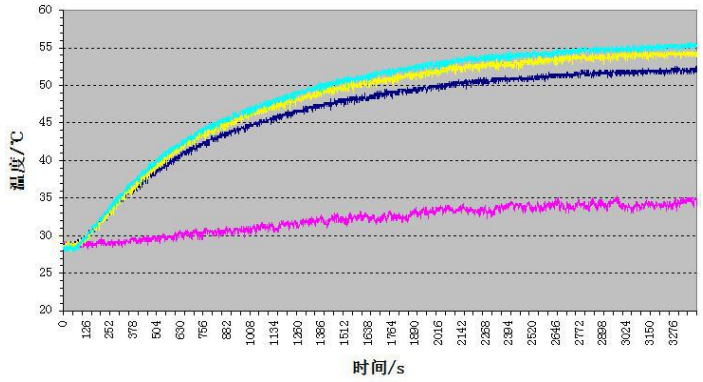


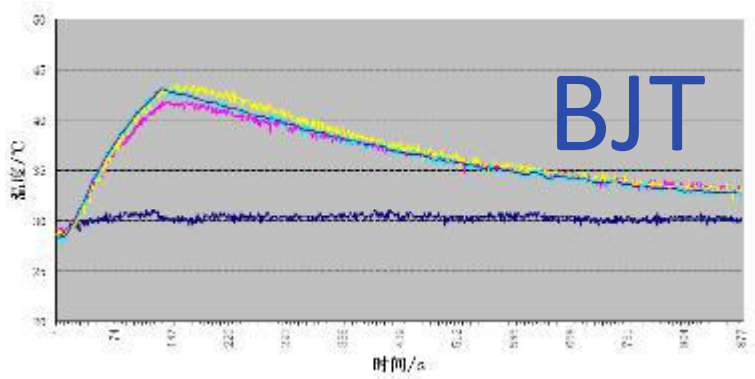


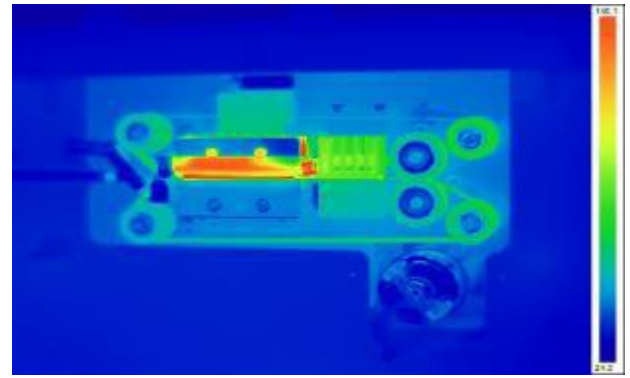
Lockedair’s sealing line eliminated wrinkles, or leakage point by well controlled process including film tension, Pre-heat, heat Seal, Cooling down.

Binjia Tech. Core invention patent
201610575216.X

Sound Performance Machine







Adaptive Temp. Control

-Dynamic compensation method to environment temperature

-Positive control during different phase of machine operation

-machine learning algorithm to adapt to temperature changes between the winter and summer.

Qualified air bag regardless of the environment temperature or phase of machine operation.

High Reliability System

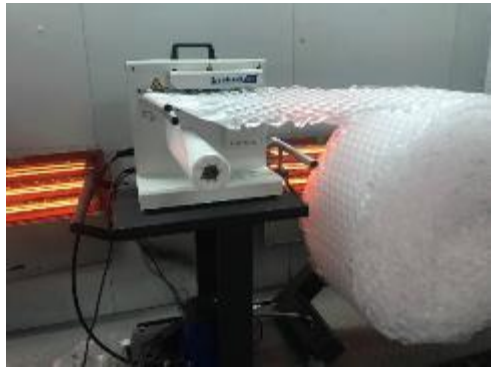
- High Stability
  - MTBF>5000 hours
  - Life testing never stops.
  - More than 30 patents related to stability.

TEST
1. Static check
2. Dry run
3. IFT (*Induce failure test*)
4. B-SPRT & COT

ISO9001
Extreme environment test
4 test method +1 plan
Design for reliability

→ Reduce down time

Extremely Cold



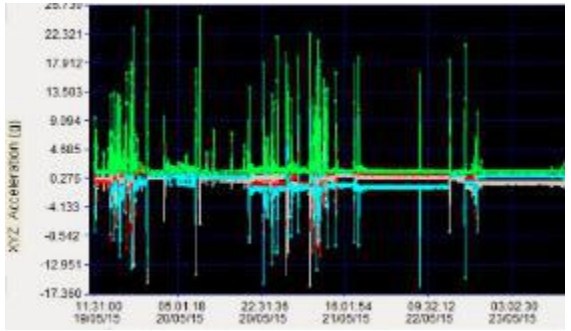
High Temperature

High Humidty

Long-term

Good Quality Film

Vibration Test



High Tensile Elongation

Vision check

①Moderate compression strength (Tensile Strength= 93.4Mpa)

②Super resilience.(Punture Force= 103N/mm)

③High resistance to puncture. (Dart Drop Impact= 350g)

④Stability under the extreme pressure(Tear Strenth= 64.5N, Tensile Elongation= 750%)

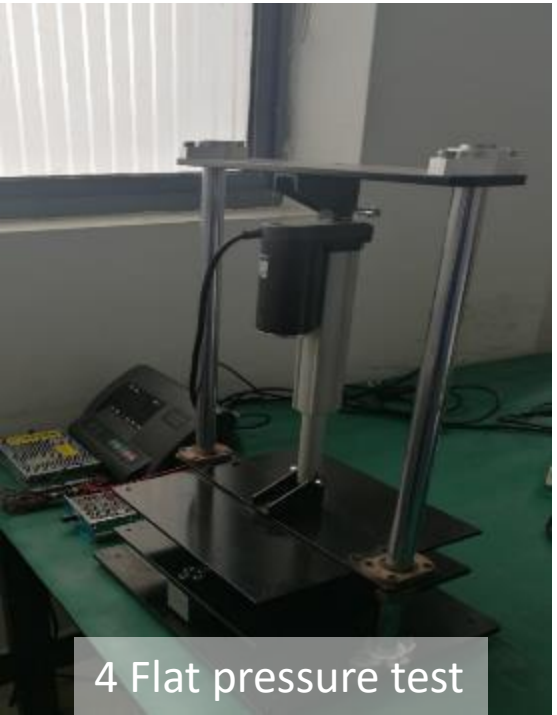
Quality Control


1 Thickness check

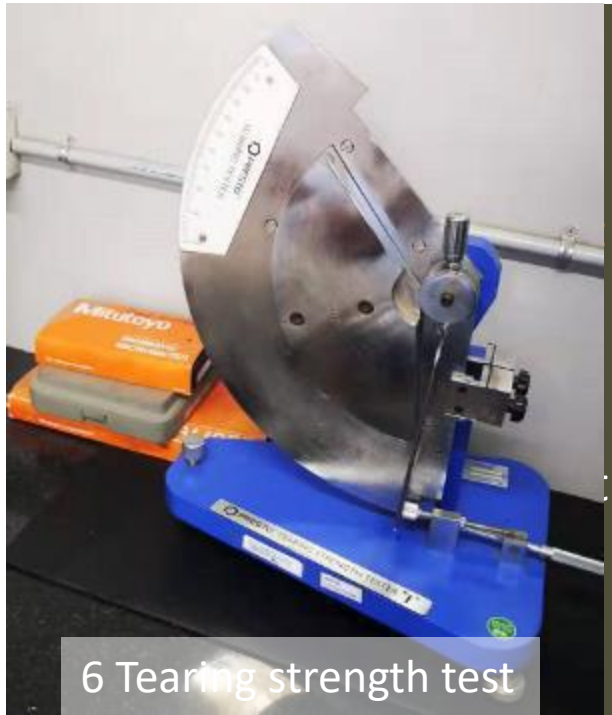

2 Strength test

3 Friction Test


8 Dart impact test


4 Flat pressure test


5 Leakage test



6 Tearing strength test


7 Stretch test

Customer Oriented and Agility

- Customized Printing
- Printing align with perforation
- Special product to win
- Bigger scale integration design

Environmental Protection

- Bingjia Tech. has cooperated with Jinfa Tech. to produce full biodegradable air bags.
- Bingjia Tech. has produced photooxygen degradation buffer air cushion film that obtain EPI certification.

Lifelong Spare Parts Support


LA-E3S Spare Parts List Rev02

Category	New Material Number	Item	Specifications	Diagram	Notes	Number Per Set
易损件（代理商、客户处需要配备）Wearing Parts (Prepared For Agents and Customers)	04A0101011	Blade	LA-E3S			3
	07A0101002	Teflon Belt	LA-E3S			6
	08A0105009	Fuse	5*20MM, F10A250V			2
Spare Parts (Prepared For Agents)	13A01006	Panel PCB	LA-E3S			1
	13A01007	Drive PCB	LA-E3S			1
	06A0101003	DC Motor	YG36-545-245K-27			1
	06A0101023	Electric Heating Tube	110V,200W		Order according to the machine voltage	1
	06A0101024	Electric Heating Tube	220V,200W			1
	04A0101001	Rubber Wheel				2
	11A0103016	Spring Washer	M3			10
	11A0103002	Plain Washer	M3		To fasten the Panel PCB and Drive PCB	10
	11A0101020	Hexagon socket head cap screw	M3x6			10
	11A0101001	Hexagon socket button head screw	M3x4		To fasten the Blade	1
	11A0101045	Hexagon socket button head screw	M4x12		To fasten the shell	28
Durable Parts (Low damage rate)	06A0101011	Big Blower	WS9290			1
	06A0101004	Linear Motor	--			1
	06A0101019	AC/DC Power Supply	RS-150-24 (24V-6.5A)			1
	06A0101033	Proximity Sensor	M8			1
	06A0101026	Proximity Sensor	M5			1
	08A0105003	RJ45 Socket Cable Connector	40cm			1
	06A0101029	Keyboard Panel	--			1
tools	12A0106001	Hexagon keys	2mm (M2.5)			1
	12A0106002	Hexagon keys	2.5mm (M3)			1
	12A0106003	Hexagon keys	3mm (M4)			1

Category	New Material Number	Item	Specifications	Diagram	Notes	Number Per Set
易损件（代理商、客户处需要配备）Wearing Parts (Prepared For Agents and Customers)	04A0101011	Blade	LA-E3S			3
	07A0101002	Teflon Belt	LA-E3S			6
	08A0105009	Fuse	5*20MM, F10A250V			2

- Free spare parts supply so long as purchasing Lockedair Film

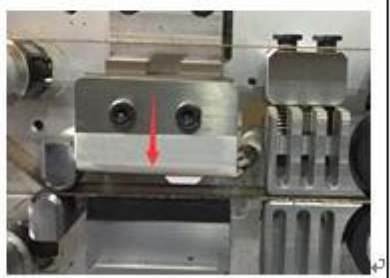
Training and Marketing Material

Equipment Maintenance Manual for LA-E3S 201...

LA-E3S part list Rev02

LA-E3S usermanual Rev03

Replacement of spare parts Guide for LA-E3S 20171...

	Abnormal Phenomena	Possible Reasons	Determining Methods	Graphical Representation	Solutions	
					Yes	No
1.1	Air leakage and not sealed tightly	Whether the temperature parameter is excessively low?	Gradually turn up the temperature and try once by turning up every 5℃.	--	Problem solved	Jump to next one.
		Whether the film is with problems?	Change another box of film for testing.	--	Change the film	Jump to next one.
		Whether the heating tube is damaged and unable to heat?	Start the machine; after heating 1 to 2 minutes, Check whether "heating abnormity" warning emerges.	--	Jump to **2.1 Heating Tube Abnormity** or **request for after-sales repair.**	Jump to next one.
		Whether the heating module stops after operation?	When the machine heats to the setting temperature and starts to operate, observe the heating module; if its temperature does not drop, the linear motor upgrading is abnormal.		Jump to **2.2 Elevating Abnormity of Linear Motor** or **request for after-sales repair.**	Deliver to the R&D department for further analysis.
1.2	The seal is burnt.	Whether the temperature parameter is excessively high?	Gradually turn up the temperature and try once by turning up every 5℃.	--	Problem solved	Deliver to the R&D department for further analysis.