Disposable Face Mask

Application:

It is widely used in ordinary environment, to block the mouth and nasal cavity from exhaling or spraying pollutants by covering the user's mouth, nose and jaw.

Features:

＊ Moderate tightness provide coziness for ears
＊ Light and very low resistance to breathing
＊ 100,000 class workshop production, quality assurance
＊ Three-layer anti-wrinkle design

DISPOSABLE FACE MASK

Technical Parameters:

Model	BK-DSFM
Type	Flat earloop type
Structure	Consisting of mask body, mask band and nose clip
Material	PP non-woven fabric, rubber band
Instruction	Turn folded side out, nose bar side up
Three Layers Material	The molding layer is spundonded non-woven fabric; The filter layer is melt-blown non-woven fabric; The affinity layer is spundonded non-woven fabric.
Product Protection Effect Level	Level A
External Size(mm)	180*95 (with 3 layers)
Recommended Using Time	4~6 hours
Validity	2 years
Storage Condition	Keep in a sealed, cool and dry condition
Packing Size(mm)	238*140*150 (50 pcs per box)
Gross Weight(kg)	0.3

N95 Mask

Technical Parameters

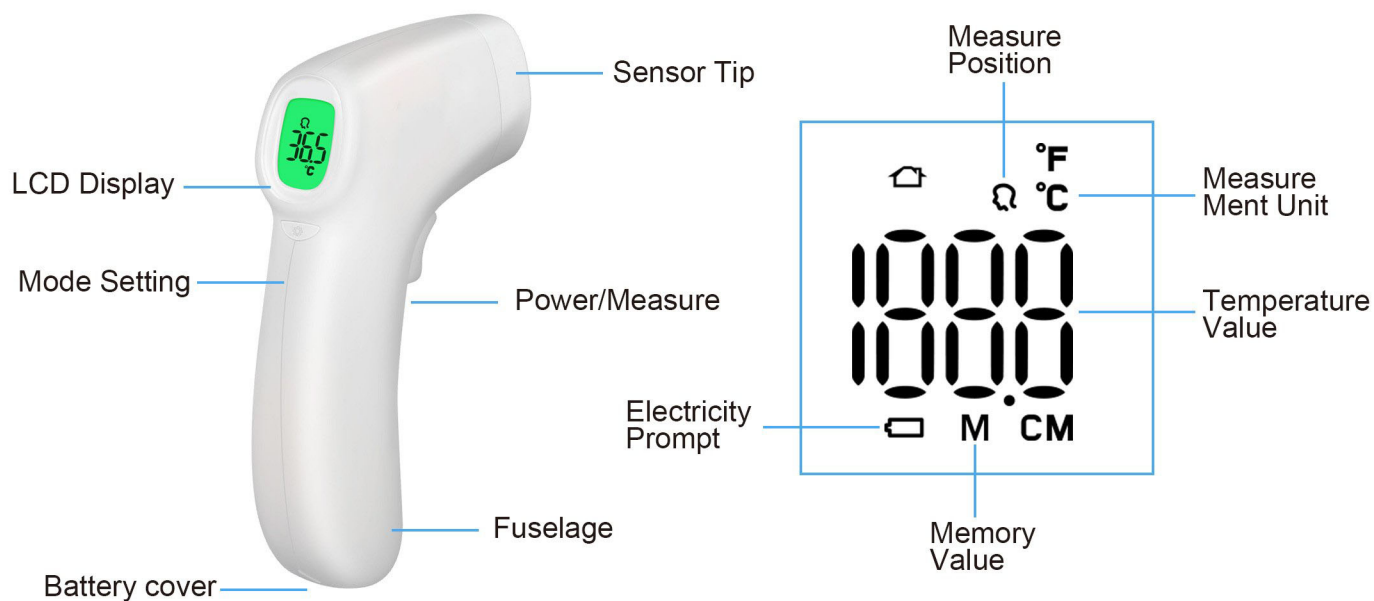| Model	N95 Mask
Main Materials	Non-woven; Filter; Mask Band; Nose Clip.
Size(mm)	131*115
Wearing Method	Ear-Hook
Ear Rope	Can be adjusted to the appropriate position according to face size
Color	White
Aseptic Expiration Date	2 Years
Period Of Use	2 Years
Protection Range	Filter particles in the air, block droplets, blood, body fluids and secretions.

KN95 Mask

Technical Parameters:

Model	KN95 Mask
Durable Years	3 Year
Main Material	Non-Woven；Polypropylene Melt-blown Nonwovens
Operative Norm	Q/0171BKKY002-2020
Ear Rope	Can be adjusted to the appropriate position according to face size
Product Size	Standard
Color	White
Wearing Method	Ear-Hook
Protection Range	Suitable for filtering particulate pollution such as pollen and pollen in the air under daily environment PM2.5 isolate bacteria and viruses

Infrared Thermometer

Sensor Tip

LCD Display

Mode Setting

Power/Measure

Fuselage

Battery cover

Measure Position

Measure Ment Unit

°F
°C

Temperature Value

1000
1000

Electricity Prompt

M   CM

Memory Value

Forehead Mode

Measure in 1s

Fever Warning

Memory Recall

Replaceable Battery

Auto Power Off

Features

1. Non-touch measurement

2. High precision infrared sensor

3. Practical patent design

4. High definition display
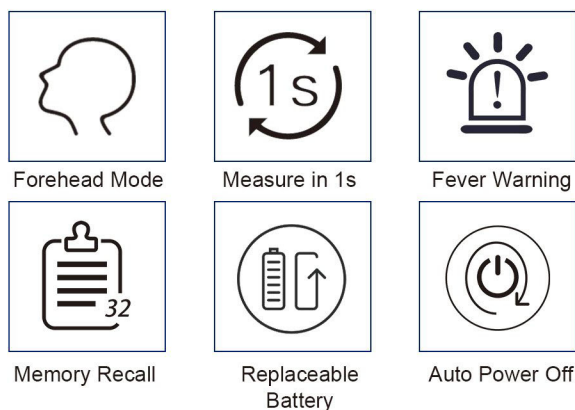
Technical Parameters

Model	AET-R1B1
Product Size	37mm*78mm*144mm (L*W*H)
Product Weight	62g
Memory	32 groups
Operating Temp	5°C~40°C
Measuring Mode	Forehead Mode
Measurement Range	32.0°C~42.2°C
Accuracy	±0.2°C（35.0°C~42.0°C）；±0.3°C（32.0°C~34.9°C / 42.1°C~42.2°C）
Voltage Source	2*1.5 V Batteries: size AAA
Automatic Power Off	60s

Item	Qty / CTN	Each Carton			
		BOX SIZE	CTN SIZE	CMB	G. W
AET-R1B1	80pcs	93*164.5*47.5mm	380*370*375mm	0.053m³	6.1KG

Infrared Thermometer

Introduction

The infrared thermometer is mainly composed of an infrared detector, a display screen, a button, a housing, a circuit board and embedded software. It measures the body temperature by measuring the heat radiation from the forehead.

Different modes

＊ Body temperature mode   ＊ Surface temperature mode

One second mesurement

Non-contact

High-precision

High-precision sensor

Technical Parameters

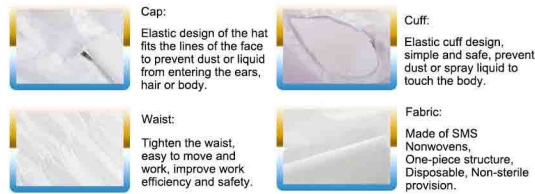| Model	TH-300I
Measuring Range	Body temperature: 32℃ ~ 42℃ (89.6℉~ 107.6℉) Surface temperature: 5.0℃ ~ 80.0℃ (41.0℉~ 176.0℉)
Temperature Accuracy	± 0.2°C (within measuring range 35.0℃ ~ 42.0℃ and under environment temperature 10 ~ 40 ℃.)
Temperature Resolution	0.1°C
Measuring Position	Forehead surface (Non-contact)
Measuring Distance	5 ~ 8cm
Working Environment	Temperature +10°C~+40°C, Humidity<85%RH
Power Supply	DC3V (AAA*2)
Unit Package Size(W*D*H)	70*55*200mm
Unit Gross Weight	0.12kg
Carton Package Size (W*D*H)	720*420*310mm / 100 pcs
Carton Gross Weight	14kg /100 pcs

Disposable Medical Isolation Gown

Isolation type:

A: One-piece type
B: Split type
C: Gown type

Elastic brim

Zipper closure

Dust-proof

Splash proof

Anti-static

A:

Size	Length	Bust	Sleeve Length	Tolerance of dimension
S	165	110	54	
M	170	115	56	
L	175	120	58	-10% ~ +10%
XL	180	125	60	
XXL	185	130	62	
XXXL	190	135	64	

C:

Size	Length	Bust	Sleeve Length	Tolerance of dimension
S	120	110	54	
M	125	115	56	
L	130	120	58	-10% ~ +10%
XL	135	125	60	
XXL	140	130	62	
XXXL	145	135	64	

B:

Size	Top length	Pants length	Waistline	Tolerance of dimension
S	65	100	90	
M	70	105	95	
L	75	110	100	-10% ~ +10%
XL	80	115	105	
XXL	85	120	110	
XXXL	90	125	115	

Cap:
Elastic design of the hat fits the lines of the face to prevent dust or liquid from entering the ears, hair or body.

Cuff:
Elastic cuff design, simple and safe, prevent dust or spray liquid to touch the body.

Waist:
Tighten the waist, easy to move and work, improve work efficiency and safety.

Fabric:
Made of SMS Nonwovens, One-piece structure, Disposable, Non-sterile provision.

Safely respond to a variety of needs:

medical, hospital, food hygiene, beauty, chemical, clean room,
public health, environmental protection and other general isolation and protection.

Main performance:

＊Isolation clothing's anti-synthetic blood penetration should not be less than 1.75KPA;
Spray rating should not be less than the requirement of level 3.
＊Filtration efficiency of non-oily particles in key parts of materials and joints should not be less than 70%.

Storage conditions:

The finished product should be stored in a place with relative humidity not exceeding 80% and non-corrosive gas, avoid direct sunlight, cool, dry, well-ventilated and clean environment; if it is not stored properly, it must be moldy and deteriorated during the validity period and prohibited.

Protective Suits（Coverall）

Protection against pathogens in environments,
Also ideal protection for light chemical splash applications.

NEW & Improved!

Typical Uses:

Animal research
Emergency medical response
Crime scene cleanup
Embalming/forensics

Specifications:

Spunbond polypropylene
Use hood cap
Zipper closure and elastic cuffs

Seamless front to provide more protection in the primary exposure areas.

Outer layers provide protection of the film barrier aqainst tearinq and abrasion.

Less likely to rip out, minimums provides 12% more chest room and 6% longer body length.

Three-layer fabric construction features a middle layer of microporous film that allows heat and sweat vapor to escape, yet protects against many dry particulates and liquids, even under pressure.

Taped storm flap

Outer Layers -Cloth-like, yet tough and abrasion-resistant spunbond polypropylene

Middle Layers - Breathable microporous film offering resistance to many liquids and dry particulates

Features:

Seamless front to provide more protection in the primary exposure areas.
Outer layers provide protection of the film barrier against tearing and abrasion.

Applications:

＊Maintenance and repair
＊Powder coating
＊Paint spray
＊Insulation laying
＊Pharmaceutical manufacture

＊Wood processing
＊Low level chemical handling/ chemical cteanups
＊Resin applications
＊Pressure/steam water cleaning
＊Light spray of cleaning fluids
＊Metal processing

Novel Coronavirus (COVID-19) Test

COVID-19 IgM/IgG Antibody Rapid Test Kit (Immunochromatography)

Introduction

COVID-19, it is a novel coronavirus with new strain that has not been previously identified in humans, belongs to coronavirus (CoV) such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV).

Intended Use

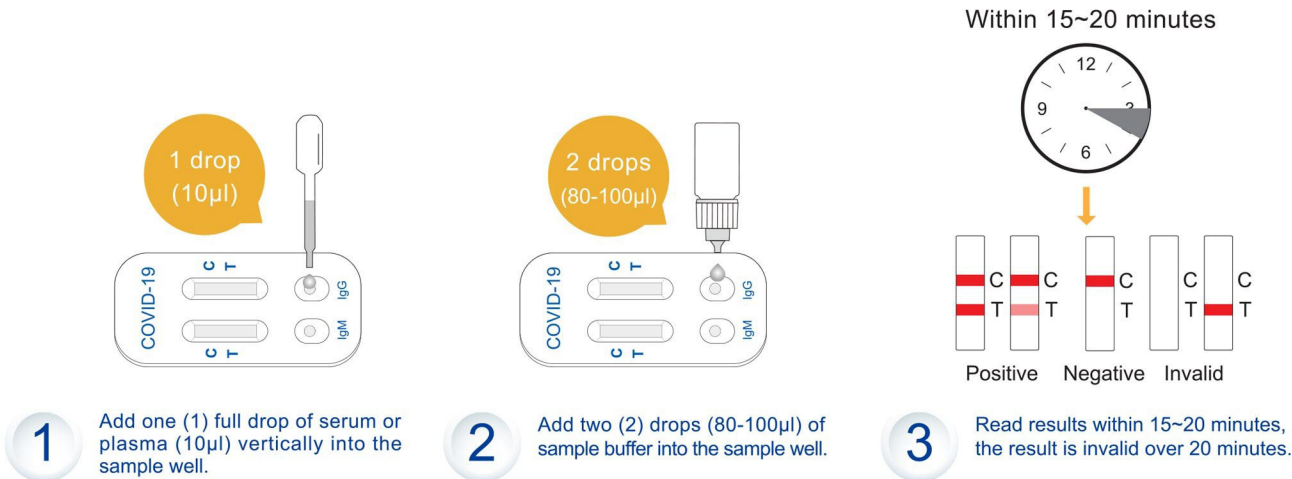Used for the qualitative detection of the antibody IgM/IgG to novel Coronavirus (COVID-19) in human serum / plasma/ whole blood.

Specification

Sample Volme: 10ul

Fast Reaction: 15 minutes

No Cross Reaction: Seperated IgM/IgG strip

Test Procedure and Read Result

Serum/Plasma

Within 15~20 minutes

1 drop (10µl)

2 drops (80-100µl)

1. Add one (1) full drop of serum or plasma (10µl) vertically into the sample well.

2. Add two (2) drops (80-100µl) of sample buffer into the sample well.

3. Read results within 15~20 minutes, the result is invalid over 20 minutes.

Positive   Negative   Invalid

Whole Blood

Within 15~20 minutes

2 drops (20µl)

2 drops (80-100µl)

1. Add two (2) full drops of whole blood (20µl) vertically into the sample well.

2. Add two (2) drops (80-100µl) of sample buffer into the sample well.

3. Read results within 15~20 minutes, the result is invalid over 20 minutes.

Positive   Negative   Invalid

Technical Parameters

Product Name	Specimen	Format	Kit Size
COVID-19 IgM/IgG Rapid Test	WB/S/P	Panel	20T/Box

2019-nCoV Specific antibody IgM/IgG detection kit

(Colloidal gold method)

Introduction

When the human body is infected with the 2019-nCoV, the first antibody produced is the specific Igm antibody, which is generally produced after 3-7days of infection, and is replaced by a large number of specific IgG antibodies produced about two weeks later. Therefore, IgM and IgG of the 2019-nCoV specific antibodies can be used as an auxiliary means for the diagnosis of suspected patients.

Product characteristics

The risk of medical staff is small, reducing the probability of droplet infection.

Dosage is less, only 1 drop of serum or plasma sample is needed.

It's fast and takes only 10 minutes to produces results.

Testing IgM and IgG at the same time to reduce the testing time.

No special testing environment and personnel training is required.

Convenient, fast, suitable for mass screening.

Compared with nucleic acid test swabs and pharyngeal swabs, it is less affected by samples and has high accuracy.

Adjuncts to confirm suspected cases

Drop 1 drop of blood sample, then drop 3 drops of diluent

Sample pad | Colloidal gold pad | Absorption mat

M line | G line | C line

Backing (base plate) | Cellulose nitrate film | Schematic diagramof colloidal gold strip

The results of judgment

All negative | IgG weakly positive | IgG positive | IgG strong positive | invalid 1 | invalid 2

IgM weakly positive | IgM positive | IgM strong positive | invalid 3 | invalid 4
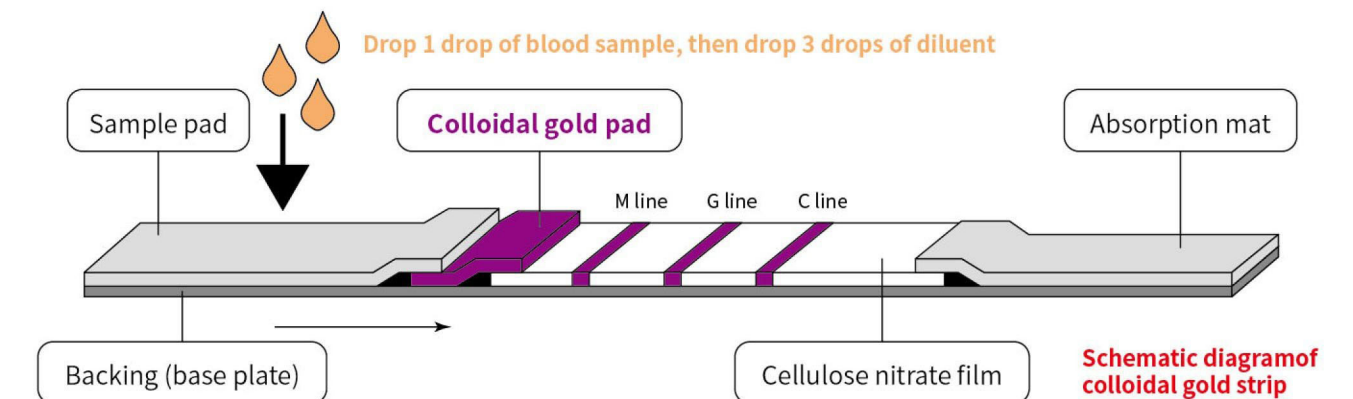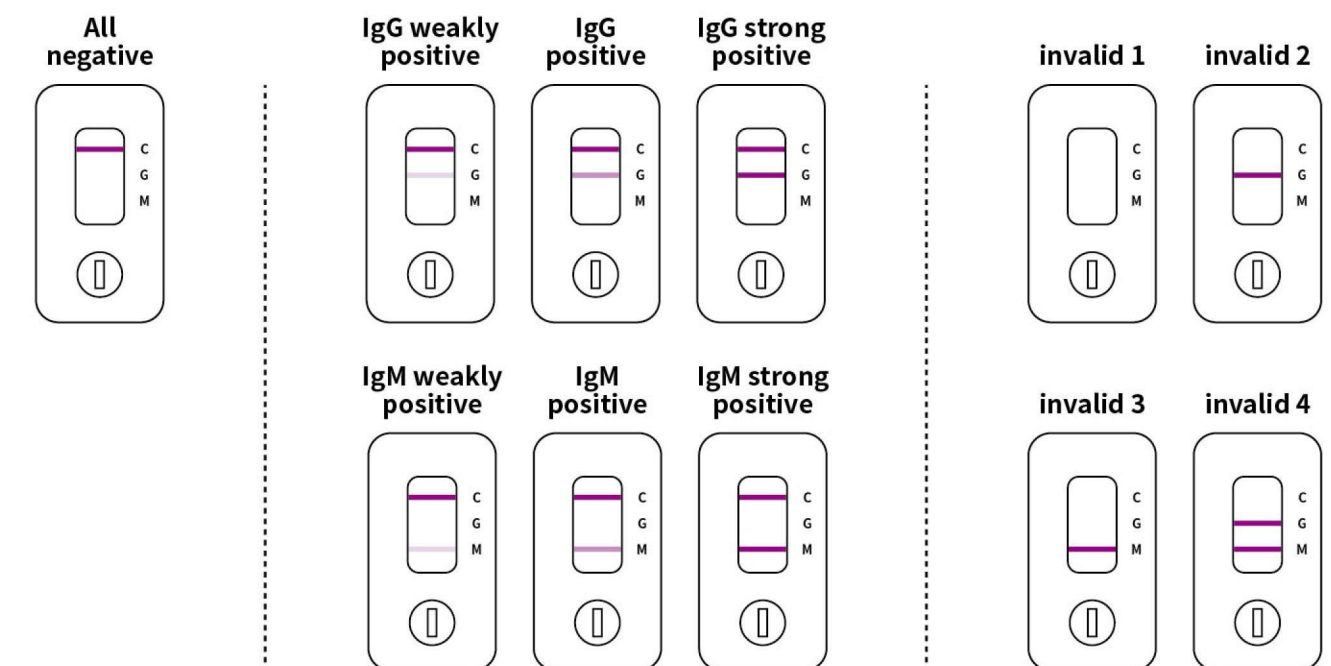
Technical Parameters

Product Name	Specimen	Format	Kit Size
2019-nCoV IgM/IgG Ab Rapid Test	WB/S/P	Panel	20T/Box

Latex exam gloves

Industries & Applications:

Medical; Laboratory
Dental; Cleaning
Food Preparation; Industrial Equipment
Automotive; Veterinary

Features:

✳ Excellent protection & excellent sensitivity.
✳ Can be worn for extended periods with reduced hand fatigue.
✳ Natural latex for superior comfort and elasticity.
✳ Biodegradable. & Powder-Free.

Package Information:

Part Number	Size	Gloves/Box	Gloves/Case
GP6302	Medium	100	1000
GP6303	Large	100	1000

Physical Properties & Quality Test Standards:

Characteristic	Values	Specification / Test Method
Tensile Strength before / after aging	≥ 18 MPa / ≥ 14 MPa	ASTM D3578 / ASTM D412 & D573
Elongation before / after aging	≥ 650% / ≥ 500%	ASTM D3578 / ASTM D412 & D573
Thickness at middle finger / palm	6 mil /≈4.8 mil	ASTM D578 / ASTM D3767
Barrier properties	AQL ≤1.5	US-LCMC-1T / ASTM D 5151
Length	220 mm XS, S / 230 mm M L, XL	ASTM 3578 / ASTM D3767
Powder residue - powder-free gloves	≤ 2.0 mg/glove	ASTM D 6124
Total Protein concentration	≤ 50 µg/g	Monitoring follows ASTM D 5712

Product Information:

Storage conditions	Avoid direct sunlight. Store in a dry and cool environment.
Glove material	Natural latex rubber. This product contains natural rubber latex which may cause allergic reactions.
Glove color	Natural latex (off-white/cream)
Glove details	Beaded cuff; textured fingers; powder-free; chlorinated

Shoe covers

Classic Shoe Covers
GRIP4202-CS

Premium Shoe Covers
GRIP4401 and GRIP4402-CS

Ultra XL Shoe Covers
GRIP4501 and GRIP4502-CS

Applications and Uses:

Medical/Healthcare Facilities; Pharmaceutical
Industrial/Manufacturing; Agricultural
Construction; Food Processing
Home Technicians; Service Industries

Features:

✳ Non-skid in all conditions
✳ Waterproof (for premium shoe covers and Ultra XL shoe covers)
✳ Water absorbent inner layer (for Ultra XL shoe covers)
✳ Safe for medical facilities
✳ Single use; ✳ Non-linting; ✳ Latex-Free

Technical Parameters:

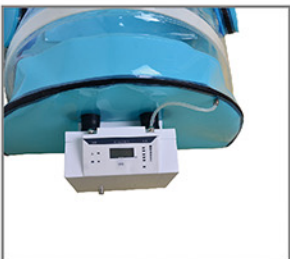| Item Code	GRIP4202-CS	GRIP4401	GRIP4402-CS	GRIP4501	GRIP4502-CS
Construction materials	Spunbonded polypropylene fabric with Anti-Skid Print	Polypropylene fabric coated with waterproof polyethylene.		Outer shell: Low density polyethylene (LDPE) fabric Inner layer: Polypropylene fabric	
Material weights	35 GPM (grams per square meter)	58 GPM (grams per square meter)		Outer LDPE Coating: 27 GPM (grams per square meter) Inner absorbent fabric: 45 GPM Total weight: 72 GPM	
Size	Extra Large—up to size 14 Men's boots				
Packaging	25 Pairs/Box; 6 Boxes/Case; 150 Pairs/Case	150 Pairs/Case	15 Pairs/Box; 6 Boxes/Case	150 Pairs/Case	20 Pairs/Box; 6 Boxes/Case
Seams	Ultrasonically welded				
Color	Blue	Purple		Navy Blue	

Biological Isolation Chamber
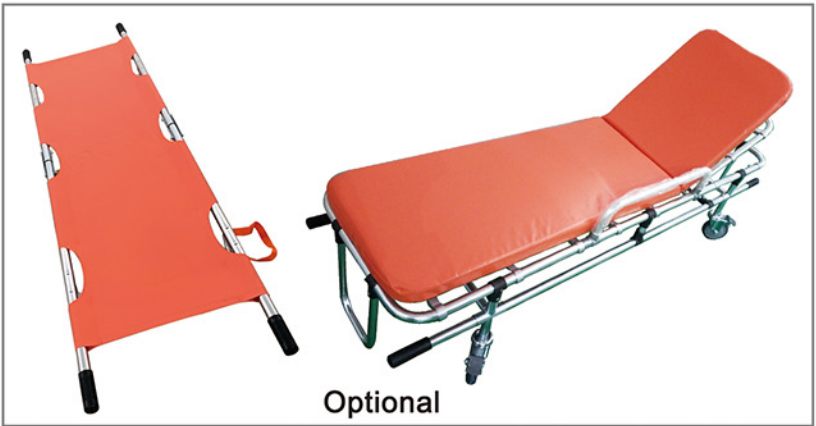
INTRODUCTION

Isolation chamber is equipped with its own negative pressure filtration system to provide maximum protection and operational safety for both the contaminated person or item and the operational team.

FEATURES

1. The chamber liner is made from a special TPU film and strengthened by inserting ABS poles along each side of the structure.
2. The "all around" zipper system allows for the chamber to open completely in order for easy operation.
3. The chamber has 10 integrated glove portals on three sides to allow for easy access to the patient and 2 utility portals used for infusions and other medical equipment.
4. Belt system enables the patient to be fastened while in the chamber or the chamber is securely fastened to a stretcher or bed.
5. Isolation chamber is a fully collapsible unit that requires minimal storage space and is ready for use within seconds.
6. The chamber can be used with a folding stretcher or stretcher trolley, which will be easy to move the patient.

TECHNICAL PARAMETERS

Model	BFG-I
Unfolded Size (L*W*H)	1900×680×500mm
HEPA Filter	3pcs, 99.999% efficiency for 0.3μm particles
Airflow Rate	67±10%（m³/h）
Ventilation	≥50L/min
Chamber Noise	≤65dB(A)
Alarm	Audio and visual alarm for internal pressure insufficient and low power
Negative Pressure	≥ 15Pa in two minutes after power on
Standard Accessory	The main chamber, 3pcs disposable HEPA filter, Negative generation system, 5 pairs PE gloves, Battery and charger
Consumables	HEPA filter (3pcs/set), PE gloves
Disinfection	Disinfect the chamber with formalin and neutralize with ammonium hydrogen carbonate
Optional	Folding stretcher; Stretcher trolley
Load-Bearing	Up to 150kg
Power Supply	DC12V power adapter Battery charging for 6 hours and continuously using for 4 hours
Package Size (L*W*H)	680*880*840mm
Net Weight	20kg
Gross Weight	30kg

Optional

ABS Poles

Negative Generation System

Zipper System

Utility Portals

Charger

HEPA Filter

Belt

Glove Portals

# Class II B2 Biological Safety Cabinet

BIOIMAGER

LCD Display
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.

exhaust filter 888 Pa   inflow 0.88 m/s   88 %
downflow filter 888 Pa   downflow 0.88 m/s   88 °C
filter life 8888 h   please change filter
UV life 8888 h   system work 88888 h
of 88:88

Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.

Remote Control
All functions can be realized with it, making the operation much easier and more convenient.
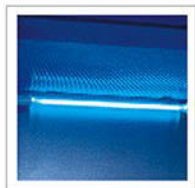
UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.
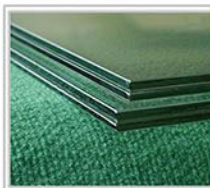
Front Window
Two-layer laminated toughened glass>5mm, anti UV

Footmaster Caster
Universal caster with brake and leveling feet

Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.

ADVANTAGE
1. Time reserve function.
2. Motorized front window.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. With memory function in case of power-failure.
6. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
7. Most accessories are standard, which saves your money. There is no need to pay more.
8. Audio and visual alarm (filter replacement, window over height, abnormal alarm flow velocity, etc).
9. Remote control. All functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window
11. Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

Model	BSC-1100IIB2-X	BSC-1300IIB2-X	BSC-1500IIB2-X	BSC-1800IIB2-X
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1700*600*660mm
External Size (W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	1873*775*2270mm
Tested Opening	Safety Height 200mm(8")			
Max Opening	420 mm (17")	420 mm (17")	500mm (20")	480mm (20")
Inflow Velocity	0.53±0.025m/s			
Downflow Velocity	0.33±0.025m/s			
Pre-Filter	Washable			
HEPA Filter	Two, 99.999% efficiency at 0.3μm, filter life indicator.			
Front Window	Motorized, two-layer laminated toughened glass ≥ 5mm, anti UV			
Noise	NSF 49 ≤ 61dB / EN 12469 ≤ 58dB			
UV Lamp	30W*1	30W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp			
	12W*2	14W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	700W	850W	900W	1200W
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.			
Control System	Microprocessor			
Airflow System	0% air re-circulation, 100% air exhaust			
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height			
Exhaust Duct	4 meters PVC duct, Diameter:300mm			
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height	750mm			
Caster	Footmaster caster			
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-X)			
Standard Accessory	Illuminating lamp, UV lamp*2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2			
Optional Accessory	Water and gas tap, Electric height adjustable base stand			
Gross Weight	246kg	276kg	302kg	408kg
Package — Main Body (W*D*H)	1230*990*1810mm	1460*1050*1800mm	1650*990*1810mm	2000*950*1820mm
Package — Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm	970*810*680mm

UV Air Sterilizer(Mobile)

Application:

It is suitable for dynamic indoor air disinfection in class II, III and IV environments of hospitals, family, school, library, blood station, food and beverage factory, pharmaceutical factory, catering and other public places.

Features:

＊ Display indoor temperature.

＊ Timing function of UV lamp cumulative use.

＊ Adopt quick disassembly filter, easy to clean and maintain.

＊ Air volume status display,high/medium/low air volume adjustable.

＊ Built-in high brightness, long life, ozone - free, U - type UV lamp.

＊ The super-infrared receiving device can realize long-distance remote control
   and easy operation at any 45 degrees. A built-in hidden remote control is placed to prevent the remote from being lost.

＊ Single chip microcomputer control, stable and reliable.Touch panel operation, convenient for man-machine interaction.

＊ High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.

Technical Parameters:

| Model		BK-Y-600	BK-Y-800
Circulating Air		≥600m³/h	≥800m³/h
Noise		≤55dB	
O₃ Residue		≤0.0074mg/m³	
Applicable Room		≤60m³	≤80m³
Ultraviolet Leakage		≤5μw/cm²	
Working Environment	Temp.Range	-10℃~40℃	
	Humidity	≤80%	
	Atmosphere Pressure	60KPa~106KPa	
Consumption		≤350W	
Power Supply		AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm		540*420*900	
Package Size(W*D*H)mm		580*490*960	
Gross Weight(kg)		22	22.5

Aerosol Adsorber

FEATURES

Aerosol adsorber is an air purification equipment, which is widely used in hospital, small clinic, laboratory, office, meeting room and house etc. it can protect your life and your health through filtering dust, germ and virus in the air.

ADVANTAGE

1. Low noise.
2. LCD display
3. Remote control.
4. Adjustable air velocity.
5. Thorough sterilizing with UV Lamp.
6. Mobile Type, Wall Hanging Type, Suction Ceiling Type.

TECHNICAL PARAMETERS

Model	QRJ-128
External Size(W*D*H)	900*120*1500 mm
Filter	Primary Filter, HEPA filter
Optimal Space	≤20m²
Noise	≤58dB
Consumption	240W
Adjustable Air Speed	3 levels
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Cleanness at Outlet	Class 100
Gross Weight	58kg
Package Size(W*D*H)	1800*440*1050mm

HEPA Filter

Blower

Primary Filter

Room Air

Primary Filtered Air

HEPA Filtered Air
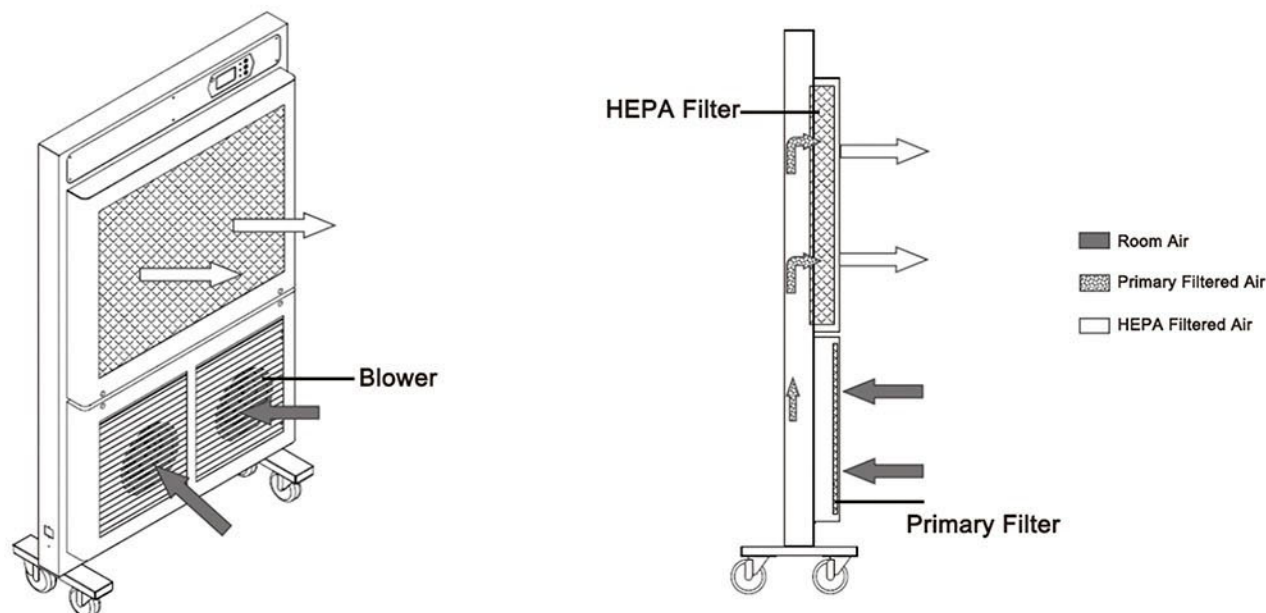
Nucleic Acid Extraction System
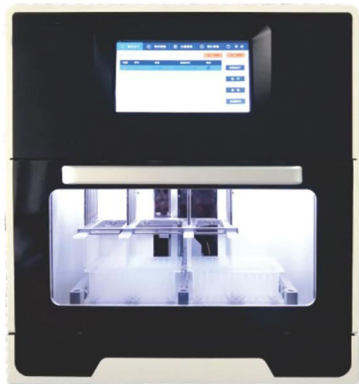
Features:

1. User-defined cracking and elution temperature
2. 7-inch touch screen, easy to use, fast response
3. Free programming to meet the needs of different reagent
4. Automatic control system, connect to computers wirelessly
5. Built-in UV disinfection and air duct, avoid cross contamination
6. Open system, fully automatic, stable results and good repeatability
7. Extract rapidly 15-60 minutes , 32 samples can be extracted at the same time
8. According to different reagents to optimize the purification scheme to achieve higher extraction efficiency and purity

Operation Process:
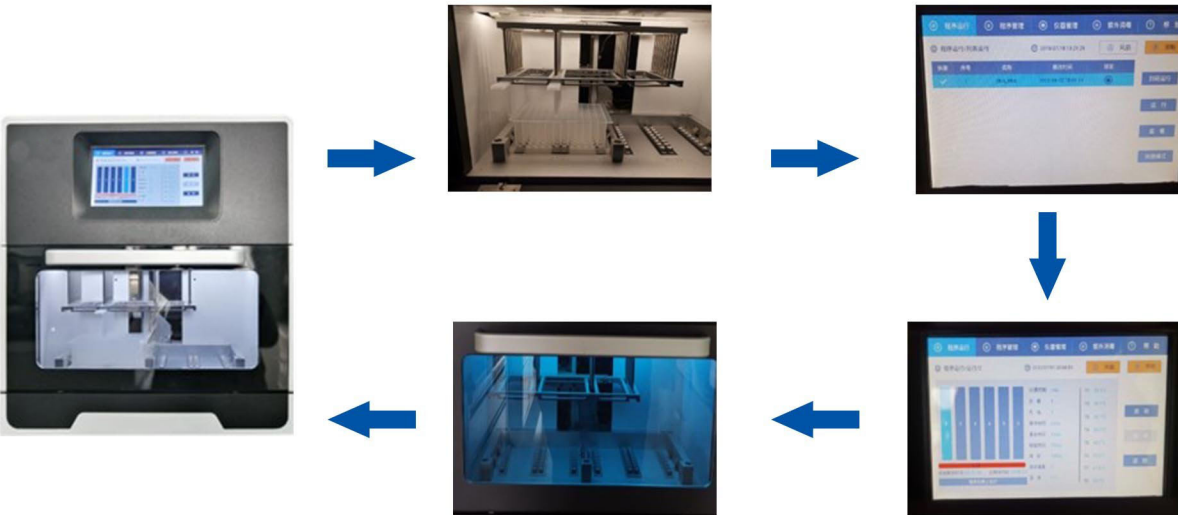
Technical Parameters:

Model	BK-HS32
Multi-mode Operation	List mode, shortcut, view mode
Processing Volume	20~1000μL
Sample Throughput	1~32
Magnetic Bead Recovery	>98%
Extracting the Difference Between Holes	CV≤3%
Heating Temperature	8 independent heating modules, customize lysis and elution temperature (temperature range) according to your needs
Oscillating Mixing	Low,medium and high third gears are adjustable, and the fluctuation range can be adjusted with the reagent volume
Reagent Type	Magnetic bead open platform
Extraction Time	15~60 min/round (depending on the reagent used)
Internal Program	Be able to store >500 groups of programs
Program Management	Powerful program editing capabilities to meet different reagent needs. U disk program import and export can be achieved
Safety Door Design	After the safety door is opened,the program operation will be automatically suspended, and the program can continue t run after the safety door is closed
Built-in Air Duct	Built-in air duct to avoid cross infection
Safety Protection	Support power-off protection and continuous operation after power is restored
Flashlight	Yes
Ultraviolet Irradiation	Yes
Dimensions	400*400*450mm
Weight	35kg

Polypropylene Melt-blown Nonwovens

Application:

∗ Filtration

Can be used in the filtration of gaseous as well as liquid materials, include water treatment, masks, air conditioning filter, etc.

∗ Sorbents

Nonwovens are capable to retain liquids several times of their own weight. It's ideal to recollect oil contaminations.

∗ Hygiene products

The high sorption efficiency of melt-blown nonwovens can be exploited in disposable diapers, sanitary napkins and other feminine hygiene products as well.

∗ Apparels

The good thermal insulation properties, the barrier behavior against fluids combined with breathability make melt-blown nonwovens a great choice for apparels even in harsh environments.
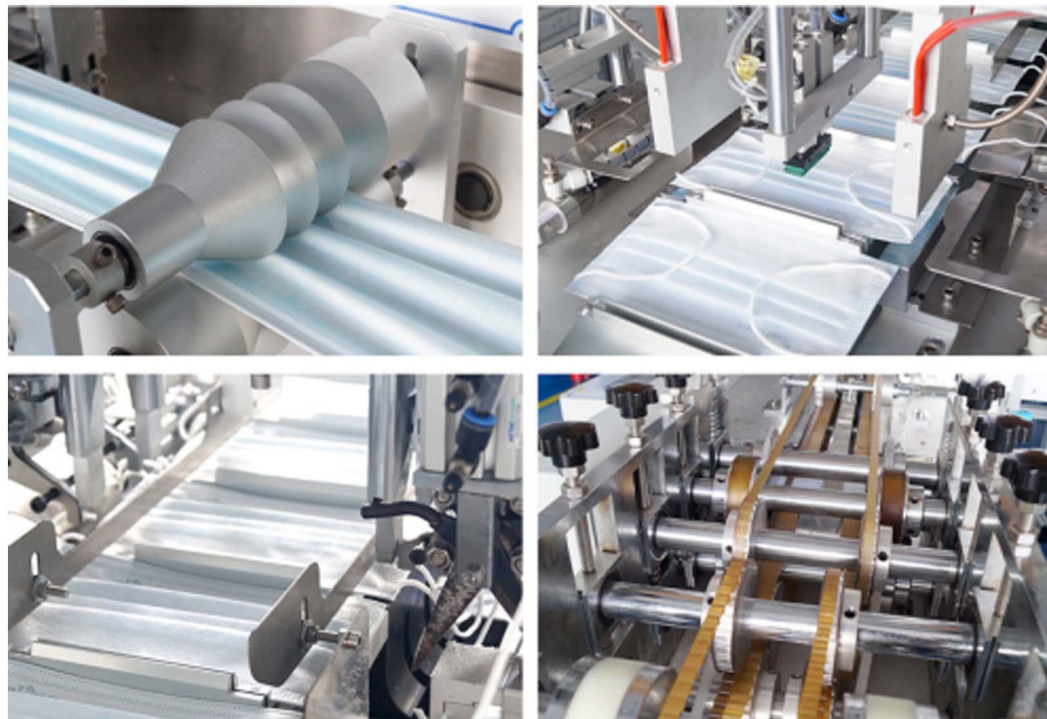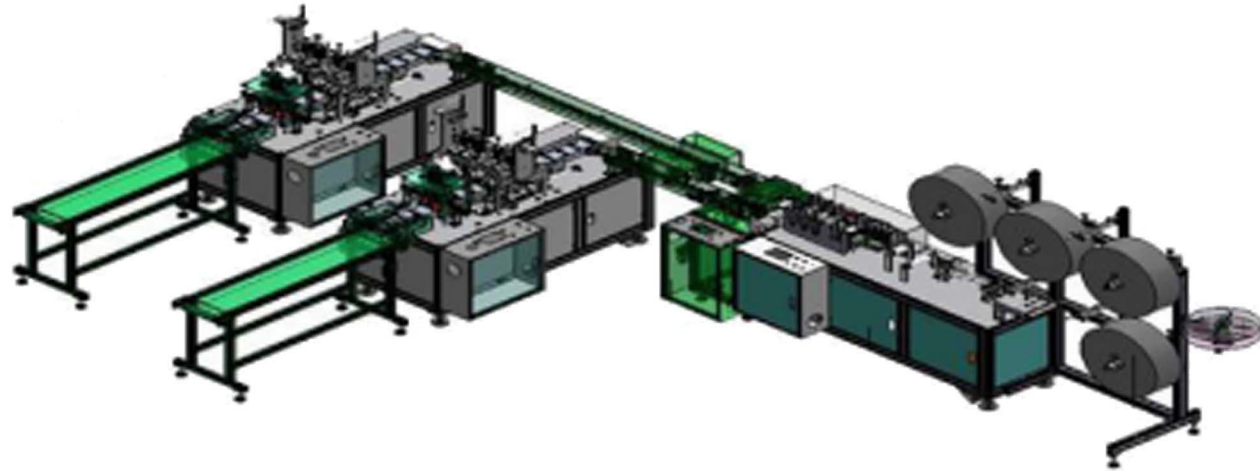
Features:

∗ Laminated nonwoven fabric; ∗ Natural; ∗ Breathable; ∗ Eco-friendly; ∗ Waterproof; ∗ Mothproof; ∗ Anti-static;

∗ Anti-bacteria; ∗ High strength; ∗ Water-soluble; ∗ Fusible

Technical Parameters:

Technics	Melt blown
Material	100% Polypropylene
Grade	BEF99
Efficiency	≥95% （1 layer)
Resistance	20±2 Pa
Weight	25±2 g
Airflow volume	32L/min
Color	White
Width	180mm
Package	Packed in rolls in carton
MOQ	1000KG/0.18m*800m*278 rolls

Automatic Mask Producing Line

Technical Parameters:

Model	BK-120A
Mask Specification	175*95mm
Production Efficiency	100-120PCS/min
Qualification Rate	98-99%
Failure Rate	2%
Compressed Air	0.5 ~ 0.7MPa, the use flow rate is about 300L / min
Operating Environment	temperature 10 ~ 35 ℃, humidity 5-35% HR, no flammable and corrosive gas, no dust (cleanness not less than 100,000).
Working Power	220V ± 5%, 50Hz 60Hz
Consumption	6.5~8.5KW
Net Weight	≤2100kg, ground load bearing > 300kg/M²
External Size(W*D*H)	6800*3600*1900mm
Packing Size ((W*D*H))	Slicer machine: 3600*1000*2000mm
	Earband machine: 3300*1000*1550mm * 2
	Flip machine :3000*900*1100mm

Equipment Components:

NO.	Part name	Quantity	Remarks
1	Water filter cloth / filter cotton / water absorption layer unwinding mechanism	3 sets	Up to 4 sets, random 3 sets
2	Nose bridge strip unwinding mechanism	1 set	
3	Nose bridge straightening mechanism	1 set	Width 3-7mm
4	Nose bridge strip driving and cutting mechanism	1 set	Width 3-7mm
5	Fabric hemming mechanism	1 set	
6	Roll welding edge sealing mechanism	1 set	Both sides
7	Cloth driving mechanism	1 set	
8	Cloth fan folding mechanism	1 set	
9	Side Seam Roll welding mechanism	1 set	
10	Roll-sealing mechanism	1 set	
11	Shunting mechanism (slicing machine)	1 set	Suitable for fully automatic face mask machine
12	Ear band welding machine mechanism	2 sets	laminated
13	Blanking line (laminated line)	2	Suitable for fully automatic face mask machine
14	Operation Panel	1 set	

Suitable material specifications:

Item	Number of hanging shafts	Width (mm)	Coil outer diameter (mm)	Inner diameter of barrel (mm)	Weight
Non-woven Melt-blow cloth	3	170~200	Φ600	Φ76.2	Max 15kg
Bridge of nose Steel wire covered plastic / pure steel wire / full plastic	1	3-7	Φ400	Φ76.2	Max 25kg
Ear belt	2 bags	160*3	-	-	10N

Application:

This machine is mainly used for automatic forming of flat masks.After the entire roll of fabric is unrolled, it is driven by rollers,and the fabric is automatically folded and wrapped.Nose bridge rolls unrolled by traction.Cut and import into the hemmed fabric,both sides are welded to seal by ultrasonic welding,and then through the ultrasonic side seal.It is cut and shaped by a cutter ; transported to the two mask ear band welding stations through an assembly line.The final mask is formed by ultrasonic welding. After the mask is made, it is transported to flat belt line and collected.