MEICEN

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Patient Positioning Solutions **4**

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Meicen

Guangzhou Renfu Medical Equipment Co., Ltd is a leading provider of precision positioning and immobilization solutions for radiotherapy, offering a comprehensive range of products designed to enhance patient comfort and treatment accuracy. Their portfolio includes thermoplastic masks, vacuum cushions, and carbon fiber baseplates, all engineered to meet the rigorous demands of modern radiotherapy practices.

Renfu Medical’s solutions are compatible with various imaging and treatment modalities, including MRI and CT systems. Their products are designed to ensure reproducible patient positioning, which is critical for effective radiation therapy.

Renfu Medical’s commitment to excellence is reflected in their adherence to international standards, including ISO 13485, FDA, and CE certifications. Their products are utilized in healthcare facilities worldwide, supporting clinicians in delivering safe and effective radiotherapy treatments. Enhance your radiotherapy practice with Renfu Medical’s advanced positioning and immobilization solutions!

PATIENT POSITIONING SOLUTIONS

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Meicen Positioner Bar for Vacuum Bag Acrylic Material

Model NO.:R-VLC02
Trademark: Renfu
Origin: Guangzhou, China
Customized: Customized
Certification: CE, FDA
Material: Iron
Suitable for: Adult
Function: Positioning Systems

Baseplate Lock-Bar for Varian System

Model NO.:R-VLB01
Trademark: Renfu
Origin: Guangzhou, China
Customized: Customized
Certification: CE, FDA
Material: Iron
Suitable for: Adults
Function: Positioning Systems

Baseplate Lock-Bar for Elekta System

Model NO.:R-ELB01
Trademark: Renfu
Origin: Guangzhou, China
Customized: Customized
Certification: CE, FDA
Material: Iron
Suitable for: Adults
Function: Positioning Systems

Baseplate Color Head Cushion for Radiotherapy Immobilization

Model NO.:R-AE05
Trademark: Renfu
Origin: Guangzhou, China
Customized: Customized
Certification: CE, FDA
Suitable for: Adults
Function: Positioning Systems

Head Support Adapter for Baseplate For C-series Baseplate

Model NO.:MC-HSA001
Trademark: Renfu
Origin: Guangzhou, China
Customized: Customized
Certification: CE, FDA
Material: Carbon Fiber
Suitable for: Adults
Function: Positioning Systems

Carbon Fiber Baseplate Head Cushion for Radiotherapy Immobilization

Model NO.:R-CHS6
Trademark: Renfu
Origin: Guangzhou, China
Certification: CE, FDA
Suitable for: Adults
Function: Positioning Systems

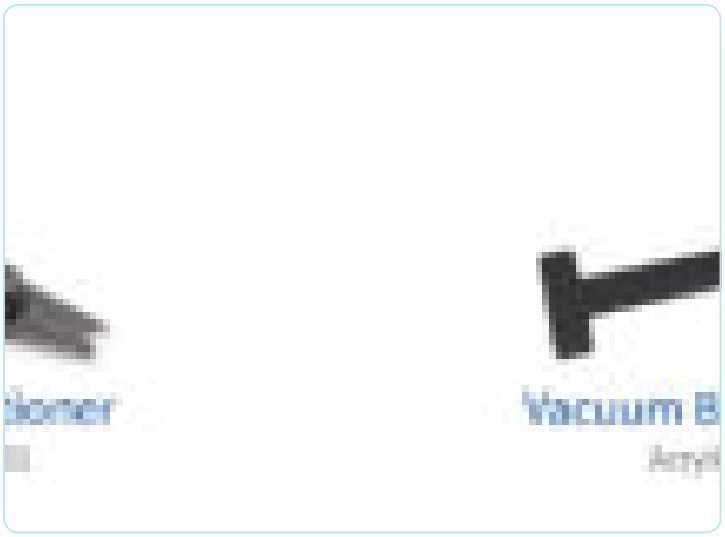
Meicen T-Shaped Vacuum Bags

Meicen Vacuum Bags provide patients with firm and stable support. They are shielded from rips and stains by the coated NyLon shell. Completely waterproof, leak-proof, and airtight, the vacuum bags can hold alternative density particles composed of polyamide. There are built-in lock bars and vacuum bags in various forms and sizes available.

Meicen Vacuum Bags

- ultra-durable, high-quality polyamide;
- Dark blue color distinguishable in optical imagers;
- MRSafe;
- Radio-translucent;
- Easyto clean;
- Cost-effective;
- Adapters are available for any manufacturer’s pump.

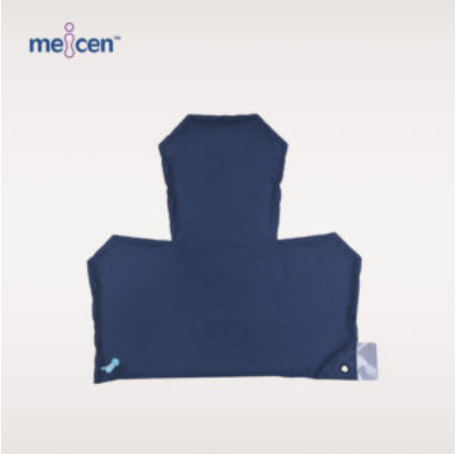
T-Shaped Vacuum Bag
with Open Headrest


Vacuum B

Type A
Type B with CPC

Meicen S-Shaped Vacuum Bag

Meicen Vacuum Bags provide patients with firm and stable support. They are shielded from rips and stains by the coated NyLon shell. Completely waterproof, leak-proof, and airtight, the vacuum bags can hold alternative density particles composed of polyamide. There are built-in lock bars and vacuum bags in various forms and sizes available.



Meicen Vacuum Bags

- ultra-durable, high-quality polyamide;
- Dark blue color distinguishable in optical imagers;
- MRSafe;
- Radio-translucent;
- Easyto clean;
- Cost-effective;
- Adapters are available for any manufacturer’s pump.

pter Type A
pter Type B with CPC

Meicen Indexed & Non-indexed Rectangular Vacuum Bags

Meicen Vacuum Bags provide patients with firm and stable support. They are shielded from rips and stains by the coated NyLon shell. Completely waterproof, leak-proof, and airtight, the vacuum bags can hold alternative density particles composed of polyamide. There are built-in lock bars and vacuum bags in various forms and sizes available.

Meicen Vacuum Bags

- ultra-durable, high-quality polyamide;
- Dark blue color distinguishable in optical imagers;
- MRSafe;
- Radio-translucent;
- Easyto clean;
- Cost-effective;
- Adapters are available for any manufacturer’s pump.

Indexed Rectangular Vacuum Bags

R-E4430-TS-2	100cm x 70cm vacuum bag, 30L, indexed
R-E4401-TS-1	70cm x 70cm vacuum bag, 20L, indexed
R-E4532-TS-2	120cm x 80cm vacuum bag, 38L, indexed
R-E4439-TS-2	100cm x 75cm vacuum bag, 30L, indexed
R-E4530-TS-2	120cm x 75cm vacuum bag, 35L, indexed
R-E4543-TS-2	150cm x 75cm vacuum bag, 45L, indexed

Non-Indexed Rectangular Vacuum Bags

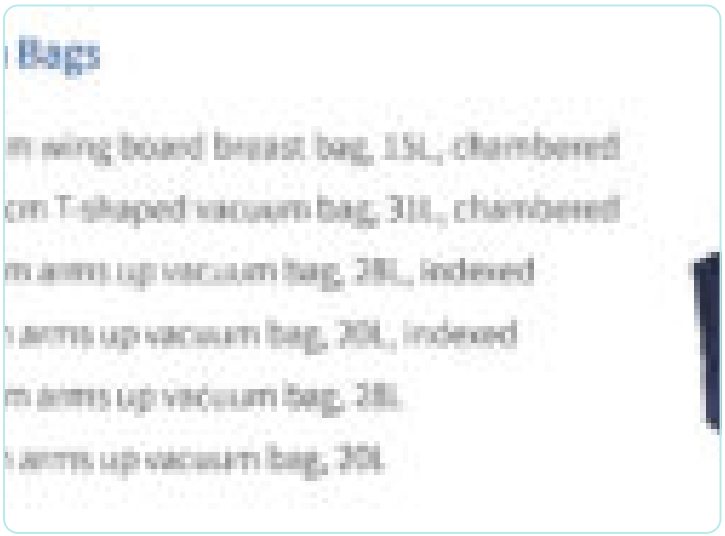
R-E4430-TS	100cm x 70cm vacuum bag, 30L
R-E4401-TS	70cm x 70cm vacuum bag, 20L
R-E4532-TS	120cm x 80cm vacuum bag, 38L
R-E4439-TS	100cm x 75cm vacuum bag, 30L
R-E4530-TS	120cm x 75cm vacuum bag, 35L
R-E4543-TS	150cm x 75cm vacuum bag, 45L

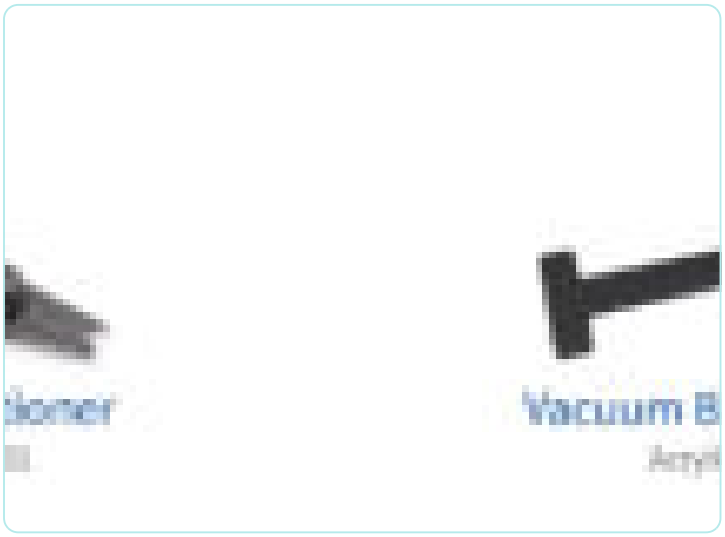
Meicen Non-Rectangular Vacuum Bags

Meicen Vacuum Bags provide patients with firm and stable support. They are shielded from rips and stains by the coated NyLon shell. Completely waterproof, leak-proof, and airtight, the vacuum bags can hold alternative density particles composed of polyamide. There are built-in lock bars and vacuum bags in various forms and sizes available.

Meicen Vacuum Bags

- ultra-durable, high-quality polyamide;
- Dark blue color distinguishable in optical imagers;
- MRSafe;
- Radio-translucent;
- Easyto clean;
- Cost-effective;
- Adapters are available for any manufacturer’s pump.




Vacuum B

pter Type A
pter Type B with CPC

Meicen Violet Imrt S-Shaped Openface Head Mask

Model NO.: RF-C101P-2004W
Trademark: Meicen
Type: Radiotherapy
Material: Pcl
Certification: CE, FDA
Origin: Guangzhou, China
Suitable for: Adults

Meicen S-Type Violet Thermoplastics

Model: RF-C101P-2004W Thickness: 2.4 mm

Model: RF-C101P-2004W Thickness: 3.0 mm

Reinforced Open Face , Pin-Lock

Meicen Violet Thermoplastics

Meicen Violet Thermoplastics have a non-stick surface, a very low shrinkage rate, and are made of a brand-new, premium thermoplastic substance that was scientifically engineered for the best molding time and patient comfort. Throughout the entire process, our goal is to provide patients with an excellent experience. To satisfy the baseplate compatibility requirements of various manufacturers, special designs are available upon request.

Meicen Violet S-Shaped Openface Head Mask Pin-Lock

Model NO.: RF-C101P-2007W
Trademark: Meicen
Type: Radiotherapy
Material: Pcl
Certification: CE, FDA
Origin: Guangzhou, China
Suitable for: Adults

Meicen S-Type Violet Thermoplastics

Model: RF-C101P-2007W Thickness: 2.4 mm

Model: RF-C101P-3007W Thickness: 3.0 mm

Meicen Violet Thermoplastics

Meicen Violet Thermoplastics have a non-stick surface, a very low shrinkage rate, and are made of a brand-new, premium thermoplastic substance that was scientifically engineered for the best molding time and patient comfort. Throughout the entire process, our goal is to provide patients with an excellent experience. To satisfy the baseplate compatibility requirements of various manufacturers, special designs are available upon request.

Meicen Violet S-Shaped Head Mask Lengthened 5cm Radiotherapy Thermoplastic Mask

Model NO.: RF-C101P-2501W
Trademark: Meicen
Type: Radiotherapy
Material: Pcl
Certification: CE, FDA
Origin: Guangzhou, China
Suitable for: Adults

Meicen S-Type Violet Thermoplastics

Model: RF-C101P-2501W Thickness: 2.4 mm

Model: RF-C101P-3501W Thickness: 3.0 mm

Perforation: 22% , Pin-Lock

Meicen Violet Thermoplastics

Meicen Violet Thermoplastics have a non-stick surface, a very low shrinkage rate, and are made of a brand-new, premium thermoplastic substance that was scientifically engineered for the best molding time and patient comfort. Throughout the entire process, our goal is to provide patients with an excellent experience. To satisfy the baseplate compatibility requirements of various manufacturers, special designs are available upon request.

Meicen Violet Breast & Pelvic Thermoplastics

A brand-new, premium mask for patient placement and immobilization during radiation therapy is the Meicen violet thermoplastic mask.

All common clamp-baseplastes from Meicen's C and B series, as well as those from other manufacturers, fit Meicen Violet Breast and Pelvic Thermoplastics.

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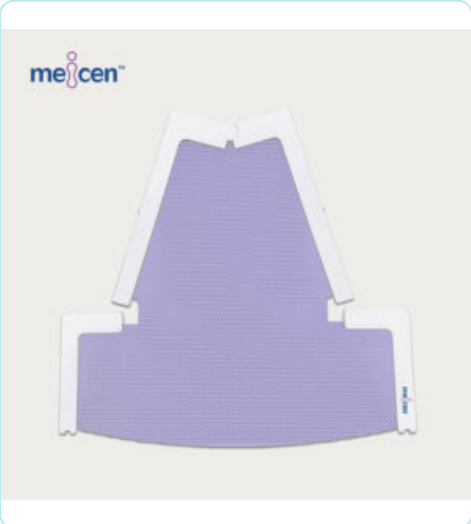
E-Type Violet Thermoplastics

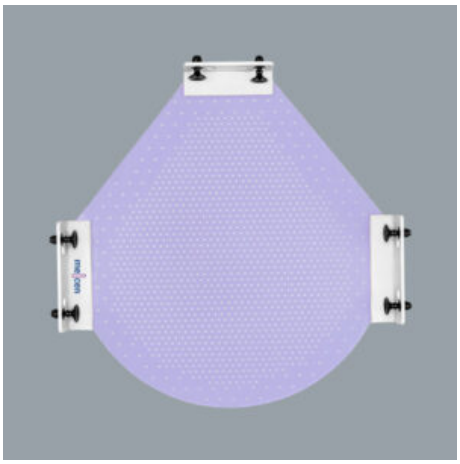
Meicen Violet Thermoplastics have a non-stick surface, a very low shrinkage rate, and are made of a brand-new, premium thermoplastic substance that was scientifically engineered for the best molding time and patient comfort. Throughout the entire process, our goal is to provide patients with an excellent experience. To satisfy the baseplate compatibility requirements of various manufacturers, special designs are available upon request.

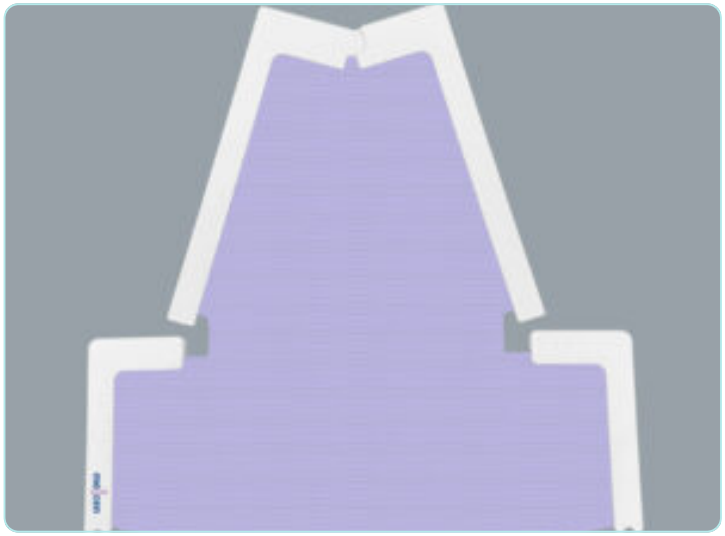


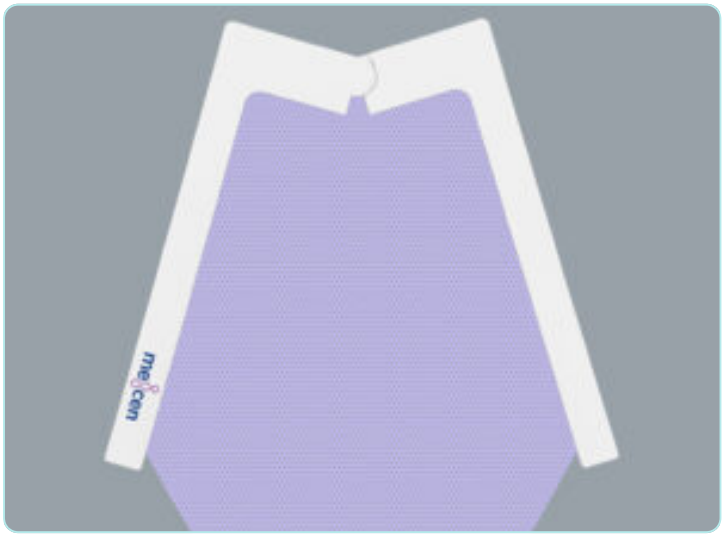
Other Type Masks

The masks have better immobilization and shaping capabilities, and their surface is not sticky. Various perforation patterns and sizes are available to suit your needs.

- Compatible with Elekta Gamma Knife®Icon™, Fraxion™, and HeadStep & HipStep™ Systems
- Available with an open face and Reinforced design
- Can be heated in the water bath or oven



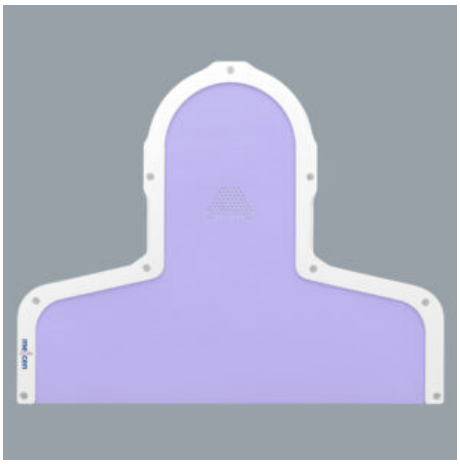




V-Typed Masks

Violet masks with the V shape help reduce patient anxiety. Depending on your demands, masks for the head alone, head necklines, and head and shoulders are available. The pins are silent, secure, and simple to put in and take out of our frame, which features an emarginated design for effortless removal. For your needs, mask thicknesses of 2.4 and 3.0 mm are available.

- Compatible with Bionix VersaBoard System
- Available with an open face and Reinforced design
- Pediatric Masks are available
- Can be heated in the water bath or oven



Chest & Pelvic Violet Masks

The pins on the chest & pelvic violet masks are quiet, safe, and simple to put on and remove. Treatment for lung tumors, esophageal tumors, and breast tumors is compatible with the Neck, Shoulder, and Breast Mask. Various perforation patterns and sizes are available to suit your needs.

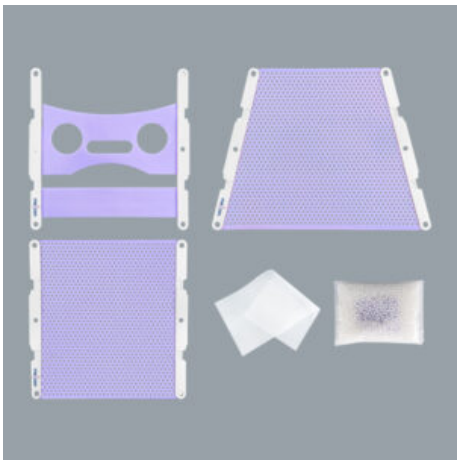
- Compatible with Meicen C-Series Baseplate
- Reinforced designs are available
- Can be heated in the water bath or oven

X-Knife Type Masks

Meicen X-Knife Violet Masks are made of a brand-new, high-quality thermoplastic material that was created especially to provide the best possible patient comfort thanks to its remarkable rigidity and incredibly minimal shrinking.

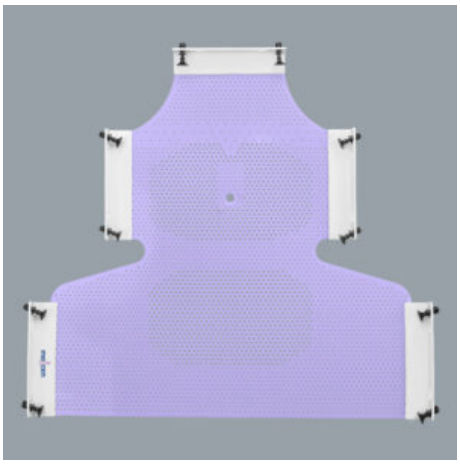
The patient-facing mask surface of Meicen X-Knife Violet Masks has a non-sticky coating put to it, preventing the masks from sticking to the patient’s hair, beard, etc.

- Compatible with Brainlab System
- Adhesive layers
- Easy to manipulate and shape

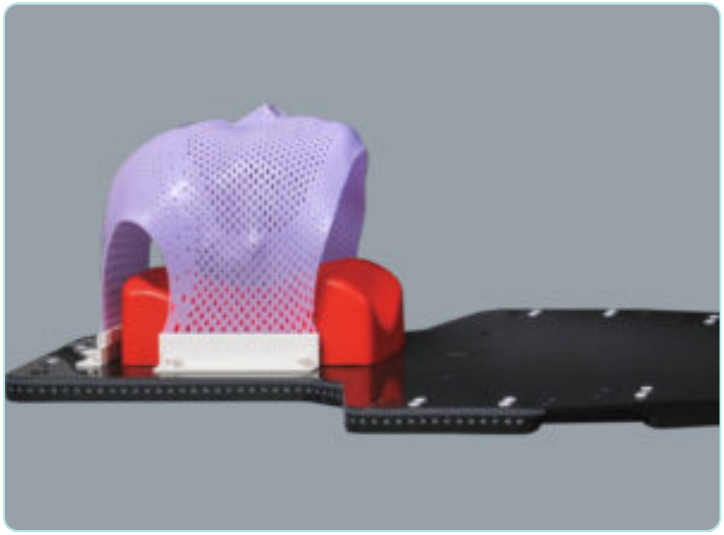


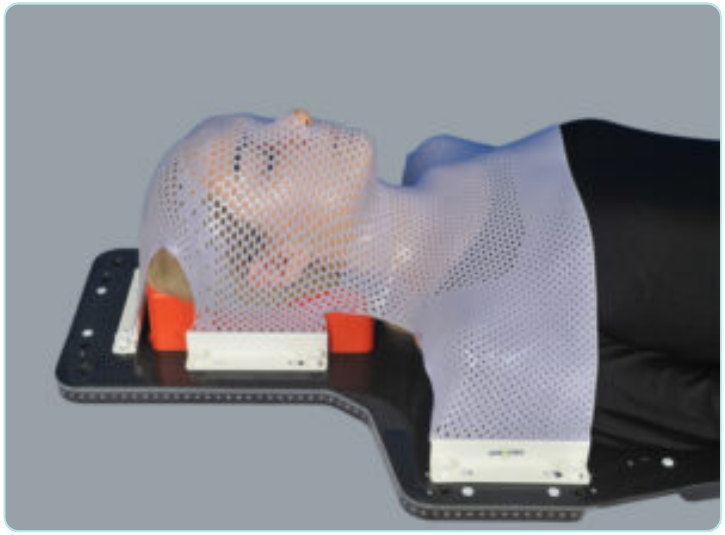
P Type Masks

Violet P-type Improved immobilization and shaping capabilities make masks less sticky on the outside. Various perforation patterns and sizes are available to suit your needs. For your needs, mask thicknesses of 2.4 and 3.0 mm are available.



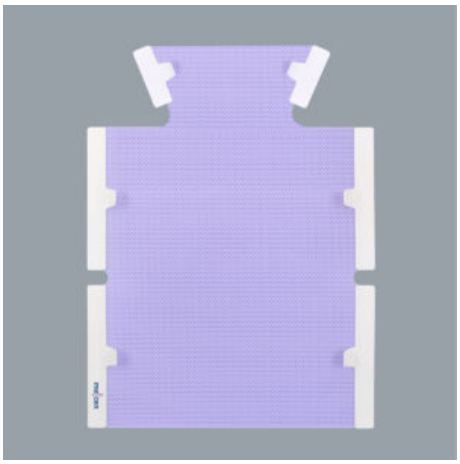
- robust fastening pins
- compatible with baseplates from CIVCO, Meicen P-Series, and other manufacturers
- accessible with a strengthened construction and an open face
- Can be heated in the water bath or oven



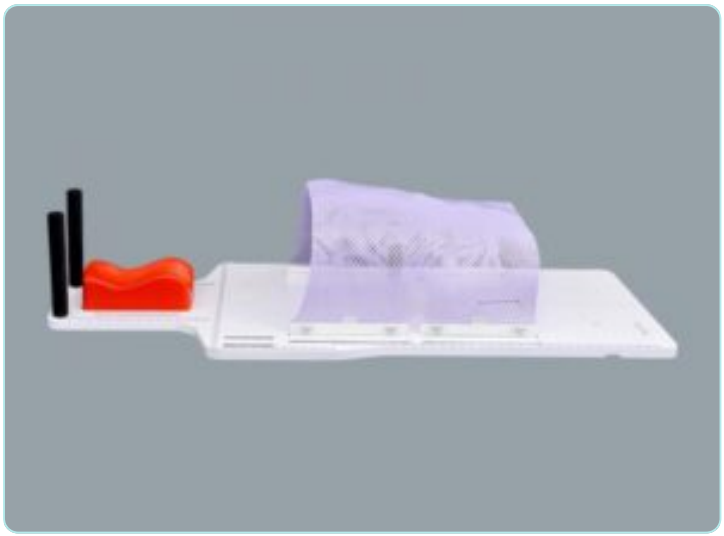


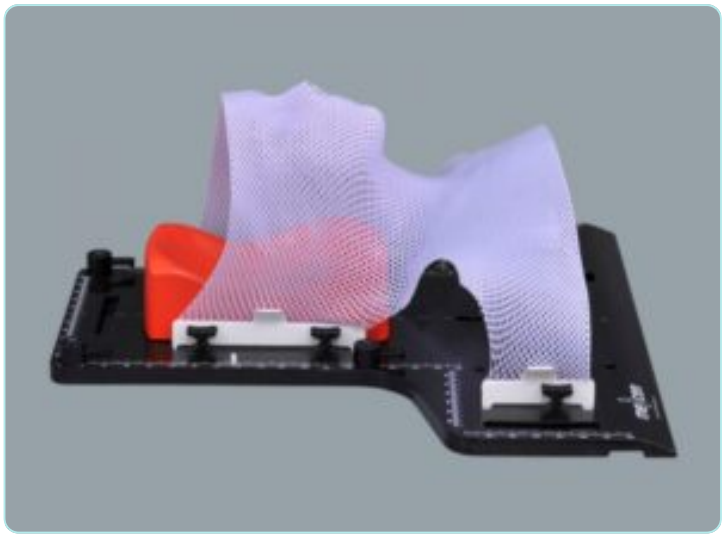
L Type Masks

L-Style Violet Improved immobilization and shaping capabilities make masks less sticky on the outside. Various perforation patterns and sizes are available to suit your needs. For your needs, mask thicknesses of 2.4 and 3.0 mm are available.



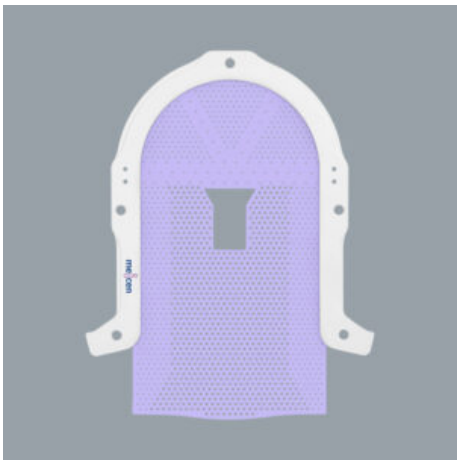
- It is simpler to put on and take off handle clamps
- compatible with baseplates from Meicen A-Series, Orfit, and other manufacturers
- accessible with a strengthened construction and an open face
- Can be heated in the water bath or oven





S-Type Masks

Violet masks of the S type help reduce patient anxiety. Depending on your demands, there are masks for the head alone, the head extended (5 or 9 cm), and the head and shoulders. The pins are silent, secure, and simple to put in and take out of our frame, which features an emarginated design for effortless removal. For your needs, mask thicknesses of 2.4 and 3.0 mm are available.



- compatible with Meicen C-Series and Y-Series bases, as well as all common S-type bases
- Pediatric masks are offered
- Open face and reinforced construction are available
- Can be heated in a water bath or oven

U Type Masks

U-Frame Violet Masks come in two frame options: regular and thin. For patients with larger heads, the slim frame offers a wider facial area. For your needs, mask thicknesses of 2.4 and 3.0 mm are available. It can be extended by 5 or 9 centimeters to increase the immobilizing force.

- suitable with Meicen U-Frame Baseplates and any conventional U-Frame Baseplates
- accessible with a strengthened construction and an open face
- Can be heated in a water bath or oven

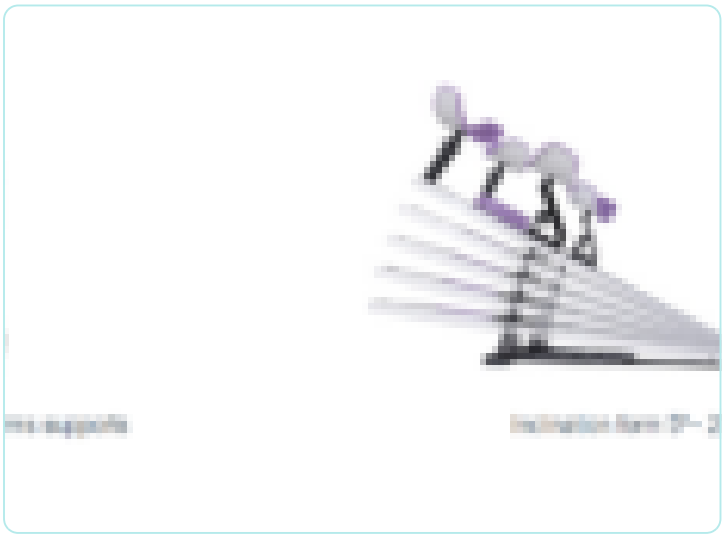
Meicen MR-Supine Breast Board

Meicen Supine Breast Board (MRI-Compatible):

An economical, lightweight setup designed for rapid, easy, and successful patient positioning. The Breastboard offers an IGRT treatment zone with minimal attenuation and maximum homogeneity and stability by utilizing a coreless, glass fiber treatment zone.

Meicen Supine Breastboard Compliant with MRI:

- Completely scalable to suit varying statures and dimensions;
- Easy-to-customize settings for patient clearance and comfort;
- Easy-to-lock reinforced bottomstop and contoured lumbar area;
- Admits to steady, repeatable supraclavicular treatments using an S-type head mask;
- Accepts thermoplastic breast implants.



Meicen MR-Supine Breast Board Plus

- Model: MC-RX002
- Size: 1325 (length) x 445 (width) mm

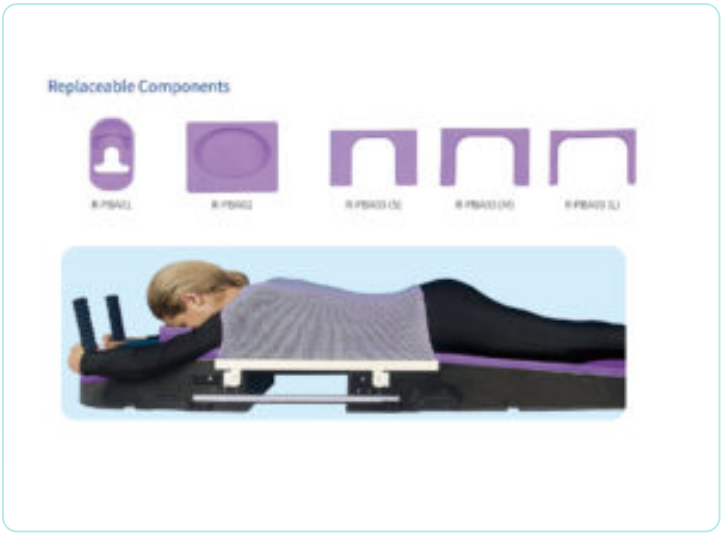
Meicen MR-Supine Breast Board Pro

- Model: MC-RX002
- Size: 1325 (length) x 445 (width) mm

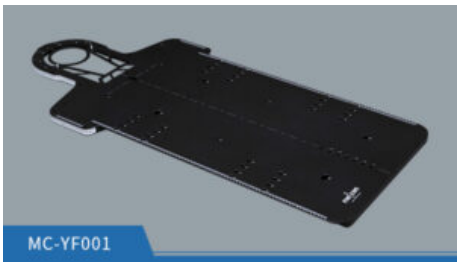
Meicen Prone Breast Board

Meicen Prone Breast Board immobilization is a straightforward, pleasant, and repeatable method. It is particularly enhanced in the following ways:

- A reversible breast section allows for the treatment of either breast.
- Variable-aperture openings accommodate different breast sizes.
- Multiple heterolateral wedge sizes assist with patient tilt.
- An adjustable massage-style face cushion is provided.
- Scale rulers make it easy to verify the patient’s longitudinal and lateral positions.



Meicen Y-Series AIO Baseplate



The Meicen Y-Series AIO Baseplate has a pin-lock design for uncomplicated operation and provides a customizable positioning solution for head, shoulders, pelvis, and full-body insertion. It is suitable with all S-Type and Meicen pin-lock thermoplastic masks. The baseplate indexes the headrests using conventional Silverman pins. The baseplate is designed to accommodate both adult and pediatric patients. It is compatible with the Overhead Arm Support R-CFA02, Leg Positioner Cushions, and the SRS Cradle MC-CR001. It also includes an optional groove lock for trunk masks.

The Meicen Y-Series AIO Baseplate is an affordable, straightforward, and useful baseplate. It can be paired with a belly bridge, a knee bridge, and leg positioning cushions to create an SBRT positioning system.

Features:

- Contoured design for patient comfort
- Compatible with narrow-shoulder S-type masks
- Configured for multiple treatments

Meicen P-Series Head, Shoulder, and Breast Baseplate

Meicen P-type thermoplastics are compatible with Meicen P-Series Head, Shoulder, and Breast Baseplates. The baseplate can be used to immobilize the head, neck, shoulder, and thorax and is customized for numerous treatments. There is also an expanded version available for whole-body treatment.

Model: MC-PF002

Meicen C-Series Pelvic Baseplate

The Meicen C-Series Pelvic Baseplate is a multi-treatment slide-type device that can be used to immobilize the pelvis in preparation for radiation therapy.

Meicen C-Series Pelvic Baseplate (Carbon Fiber):

- Comfort-enhancing contoured design
- Scale that can be adjusted for varying body widths
- Inbuilt groove lock for improved alignment
- Combined with vacuum bags and masks for precise positioning

Model: MC-CF003 (with the option of MRI-safe)

Size: 850 x 575 mm in length and breadth

Meicen C-Series Head,Shoulder, and Breast Baseplate

Meicen C-Series baseplates are slide-type items that can be used for both targeted and whole-body irradiation. They are designed for numerous treatments and can be used to immobilize the head, neck, shoulders, thorax, and pelvis.

Meicen C-Series Baseplate for the Head, Shoulders, and Breasts

- scalable to accommodate varying body sizes
- side margination for easy handling and installation
- suited for a variety of therapies
- suitable with all S-type thermoplastic masks and vacuum bags
- There is an MRI-safe option

Model: MC-CF002

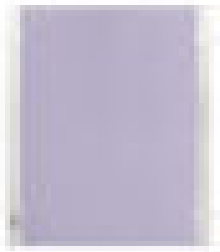
Size: 1000 (length) x 606 (width)/mm

Meicen MR C-Series AIO Baseplate

All Meicen series baseplates are MRI compatible and made of robust glass fiber, ensuring hardness and user comfort. Contact us for additional information about MRI-compatible baseplates.

Model: MC-MRC01

Size: 1300 (length) x 606 (width) mm



Trunk Masks

PVC Clear Headrests

Meicen A-Series Pelvic Baseplate

Our slide-type product, the Meicen A-Series Pelvic Baseplate, can be used to immobilize the pelvis for radiotherapy and is configured for various treatments.

A-Series Pelvic Baseplate (with an option for MRI safety)

- Shaped form for comfort of patients
- Scales that can be adjusted to fit varying body sizes
- Sides and margins for easy carrying and assembly
- Vacuum bags and thermoplastic mask options are offered

The MC-AF003 model

Meicen A-Series Head-Shoulder-Breast Baseplate

Meicen A-Series Baseplates are slide-type items that can be used for radiation immobilization of the head, neck, and shoulders. They are configured for numerous treatments.

A-Series Baseplate for the Head, Shoulders, and Breasts (MRI-safe variant available)

- Comfort for patients through contoured design
- Modifiable scales to accommodate varying body shapes
- Sides and margins for easy handling and assembly
- Vacuum bag and thermoplastic mask options are offered

The MC-AF002 model

Meicen A-Series Aio Baseplate

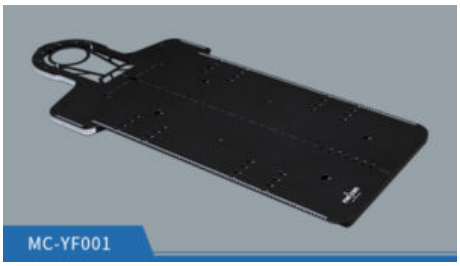
Meicen A-Series Baseplates are slide-type items that can be used for both targeted and whole-body irradiation. They are designed for numerous treatments and can be used to immobilize the head, neck, shoulders, thorax, and pelvis.

A-Series Aio Carbon Fiber Baseplate (available with MRI safety option)

- Contoured shape for patient comfort
- Scales that can be adjusted to fit a range of body sizes
- Sides and margins for easy carrying and installation
- A selection of vacuum bags and thermoplastic masks.

The MC-AF001 model

Meicen Y-Series Baseplates

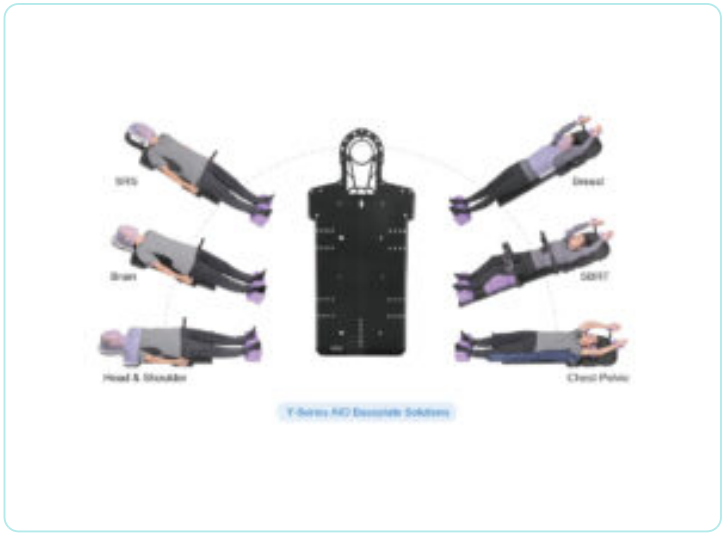


With its pin-lock design for simple operation, the Meicen Y-Series AIO Baseplate offers a flexible mounting option for head, shoulders, pelvis, and full-body installation. All S-Type and Meicen pin-lock thermoplastic masks are compatible with it. Standard Silverman pins are used by the baseplate for headrest indexing. For both adult and pediatric patients, the baseplate has two configurations. It can work with the SRS Cradle MC-CR001, Leg Positioner Cushions, and Overhead Arm Support R-CFA02. For trunk masks, an optional groove lock is included.

A simple, affordable, and useful baseplate is the Meicen Y-Series AIO Baseplate. To create an SBRT positioning solution, it can be paired with leg positioning cushions, a knee bridge, and a belly bridge.

Qualities:

- Configured for many treatments;
- Compatible with narrow-shoulder S-type masks;
- Comfortable, contoured design for patients.



Meicen C-Series Aio Carbon Fiber Baseplate

Meicen C-Series baseplates are slide-type items that can be used for both targeted and whole-body irradiation. They are designed for numerous treatments and can be used to immobilize the head, neck, shoulders, thorax, and pelvis.

Meicen AIO Baseplate, C-Series

- A scale that may be adjusted for varying body widths
- Sides emargination for easy carrying and installation
- Set up for various treatments
- Compatibility: All S-type thermoplastic masks and vacuum bags

The MC-CF001 model

Size: 1300 mm in length by 606 mm in width

SRS Immobilization System

The SRS Masks Set, Elastic Headrest, and SRS Cradle make up the Meicen SRS Immobilization System. In patients undergoing stereotactic radiosurgery for head cancers, it can more effectively address the clinical requirements of fixation and precise body postures.

Qualities:

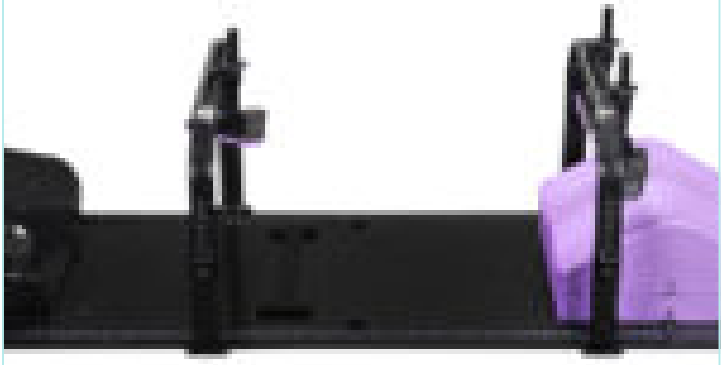
- hollowed-out and streamlined design to reduce ray blockage;
- solidity and durability are ensured by integration;
- tiny and small, storing it is simple;
- High adaptability, suitable for a range of baseplates.

A powerful, well-fitting SRS mask set is included with the Meicen SRS System. More precise fixing is made possible by the upper and bottom double layers. Together, the SRS Masks Set and the Elastic Headrest can help patients achieve a more customized occipital profile and a stronger supporting structure.

Recommended Solution

SBRT Immobilization System

The Meicen SBRT System is highly accurate, multi-functional, and user-friendly for SBRT patient setups with low ray attenuation. The carbon fiber baseplate is adaptable to any manufacturer’s couchtop. The height of the Belly and Knee Bridges can be adjusted and locked quickly, and the bridges lock and unlock without fuss. The system features a single-size adjustable respiratory bridge to fit all patients that is constructed of carbon fiber to minimize image artifacts and beam attenuation.



Included Components:

- 200x53cm Baseplate

- Belly Bridge
- Knee Bridge
- Wing Board T Grip
- Knee & Foot Cushion
- SBRT Vacuum Bag
- One Headrest
- Three SBRT Indexing Bars
- Two Vacuum Bag Positioners