

Biomat® Evolution

1997



The very first Biomat®

Type: Heating element
Size: Queen
Features: The user had to choose either negative ion or infrared setting. Could not use both at the same time.

1998



New Biomat®

Type: Jade and Bio Clay or all Bio Clay
Size: Single and Queen
Features: Neg ion, infrared, and EMF interception. Leopard print border.
Design notes: Richway created the technology to operate neg ion and IR function together. Left and right dual controller for Queen mat added.

2000



Bio-mat® 2000mx

Type: Jade and Bio Clay
Size: Single and Queen
Features: Neg ion, infrared, and EMF reverse currency technology. Diamond pattern border.
Design notes: Richway incorporates reverse currency technology based on Maxwell's right hand rule.

2000



Bio-mat® 2000mx Amethyst

Type: Amethyst crystal
Size: Queen
Features: Neg ion, infrared, and EMF reverse currency technology.
Design notes: Richway releases first natural amethyst crystal mat.

2002



Bio-mat® 2002mx

Type: Amethyst and Tourmaline
Size: Pillow, Mini and Professional (test run)
Features: Neg ion, infrared, and EMF reverse currency function.
Design notes: Tourmaline is processed into tiny beads and filled into the channels.

2002



Bio-mat® 2002mx

Type: Jade
Size: Single
Features: Neg ion, infrared, and EMF reverse currency function.

2002



Bio-mat® 2002mx

Type: Jade and Tourmaline
Size: Queen
Features: Neg ion, infrared, and EMF reverse currency function.

2002



Bio-mat® 2002mx

Type: Amethyst crystal
Size: Single, Queen and Pro (test run)
Features: Neg ion, infrared, and EMF reverse currency function.
Design notes: Consumer demand is strong for an all amethyst mat. Richway releases new sizes and tests Professional size.

2004



Bio-mat® 2005mx

Type: Amethyst
Size: Pillow, Mini, Single, Queen, and Pro
Features: Neg ion, infrared, and EMF reverse currency function.
Design notes: Dr. Hideo's design is added to the Biomat®. The Professional size completes the testing phase and is permanently added to the Biomat® family.

2005



Bio-mat® 3000mx

Type: Amethyst
Size: Biobelt, Pillow, Mini, Single, Pro, Queen, and King
Features: Neg ion, infrared, and EMF reverse currency technology.
Design notes: Controller CPU upgraded for enhanced performance.

2012



Biomat® 7000mx

Type: Amethyst
Size: Biobelt, Pillow, Mini, Single, Pro, Queen, and King
Features: Neg ion, infrared, and EMF reverse currency function.
Design notes: Nano Copper, Quantum Energy, TOCA, and Copper fabric added to the Biomat®.

2016



Orgone Biomat™

Type: Amethyst, TOCA, Nano Copper
Size: Queen and King
Features: Neg ion, infrared, and EMF reverse currency function.
Design notes: All the benefits of the Biomat® incorporated into a lightweight, soft and comfortable bedding product.

Timeline

1967 - NASA invented electric infrared technology using alumina and silica.

1982 - NASA releases patent on electric infrared technology.

1990 - Japanese researchers make a product based on NASA patent. They use silica, alumina, and carbon fiber to produce infrared heat.

People notice the difference and prefer infrared generated by NASA technology than heat from heating pad coil.

1997 - Richway enters the marketplace using the same technology.

1998 - Richway needs safety certificate to import the Biomat®. UL and CSA does not recognise NASA technology for heating mattresses. To obtain a heating certificate, Richway adds chrome to the Biomat®.

1998 - Jade and Bio Clay are added to the Biomat® to produce infrared rays.

2000 - Effective EMF protection based on Maxwell's right hand rule is developed and incorporated into the Biomat®.

2000 - Amethyst is found to be better than jade. First all amethyst mats are produced.

2002 - Introduced the Professional Biomat® for massage therapists.

2002 - Some people do not like the experience of amethyst infrared. Salt is added to the amethyst to soften its effect.

2005 - Special jade and germanium mats are produced.

2005 - Amethyst infrared is perfected and Biomat® family is converted to natural amethyst.

2008 - The 2002mx is granted a 510(k) by the USFDA.

2011 - Special tourmaline fabric is developed which produces the highest amount of negative ions in a fabric.

2011 - Nano copper and copper fabric are combined to create orgone layer.

2012 - New fabrics are added to the Biomat®.

2016 - The next chapter begins. The introduction of the Orgone Biomat®.