# ADDHEAT



# MEC ADDHEAT CO.,LTD.

The Leading Manufacturer of Wearable Heating Technology

# About Us



# MEC ADDHEAT Co., Ltd.

## The Leading Manufacturer of Wearable Heating Technology

Since 2003, MEC ADDHEAT has focused on the development & manufacturing of heated clothing powered by lithium-ion batteries.

As the pioneer in many heating technology breakthroughs, MEC ADDHEAT builds all the key components in-house to ensure product safety and reliability. With strict controls and the relentless pursuit for perfection, our heating systems have the lowest defect / return rates in the industry.

With this excellent reputation, MEC ADDHEAT has become the trusted provider of wearable heating technology world-wide.













- Founded in 2003.
- 2004- Invented the world' s first TRI-ZONE heating system.
- 2005- We developed our first heated ski gloves that warm the entire finger section.
- 2006- Built our China factory to start producing our own heated products.
- 2007- Set up dedicated production lines for temperature controllers & lithium-ion batteries.
- 2008- Added cable & injection production lines.
- 2009- Launched high output motorcycle heated clothing with lightweight, flexible heating panels.
- 2010- Introduced far-infrared-ray heated therapeutic wraps for pain relief.
- 2011- Redesigned the smart temperature controller & protection technology across the entire line.
- 2012- Introduced wireless temperature controllers for our lightweight motorcycle jacket liner.
- 2013- Improved our in-house Safety & Reliability Lab.
- 2014- Developed new products that are machine washable & dryer safe.
- 2015- Expanded our production capacity to 100,000 heating systems per month.
- 2016- MEC ADDHEAT received Best Quality Award from TTi Group /Milwaukee Power Tools.
- 2017- Moved to a new 72,000 S.F. facility.
- 2018 Received ISO 13485 certification for medical instruments manufacturing / FDA Registration
- 2019 Launch heated socks & submergible waterproof heated diving under-suit

#### **CAPACITY**

MEC ADDHEAT CO., LTD. is one of the most established heated clothing & heated system manufacturers today. Our modern manufacturing facility features the latest production line and scale to meet our client's needs.

Maximum Production Output	Daily	Monthly
Heating Element Panel (Pcs.)	Up to 15,000	Up to 450,000
12V Heating Jacket /Vest Module	5,000+	100,000
Battery jacket Heating System (Sets)	3,000+	75,000
Heated Gloves Heating System (Pair)	2,000+	50,000
Smart Temperature Controller	5,000+	125,000
Lithium Battery	3,000+	75,000

#### THE FUTURE OF HEATED TECHNOLOGY

#### **HEAT APPLICATIONS:**



#### **BATTERY HEATED CLOTHING**

- 5V / 7.4V / 11.1V power sources from power bank or Li-ion battery
- Heated Jacket / Heated Vest / Heated Gloves / Heated Socks.....



#### **MOTORCYCLE HEATED CLOTHING**

- 12V power sources from Motorbike battery
- Heated Jacket Linner / Heated Pants / Heated Gloves / Heated Socks / Heated Insole



#### PAIN RELIEF WRAP

- 5V / 7.4V / 11.1V power sources from power bank or Li-ion battery
- Heated Neck&Shoulder Wrap / Heated Shoulder Wrap / Heated Back Wrap / Heated Knee Wrap / Heated Wrist Wrap/ Heated Elbow Wrap / Heated Ankle Wrap / Heated Universal Wrap



#### **HEATED DIVING UNDERSUITS**

- 11.1V power sources from Waterproof Li-ion battery
- Waterproof Grade 100M / 300FT Systems
- Heated Wet undersuit / Heated surf undersuit



#### Add Heat to your Product Line:

For more than a decade, MEC ADDHEAT has been a global parther with clients specializing in a variety of applications across a broad range of industries. We offer two supply-chain solutions:

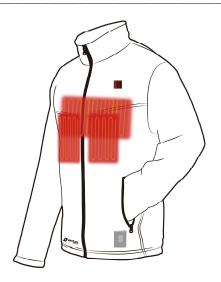
#### **Heating System Only**

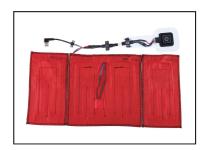
- Installed at customer's own garment factory
- Customizeable heating modules
- Installation training available

#### **Complete Heated Clothing**

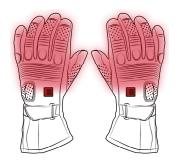
- Private label heated clothing
- Assortment of styles to choose from
- All-inclusive product solution

#### **Apparel Heating System:**





#### **Glove Heating System:**





#### Footwear / Socks Heating System:





#### WHY CHOOSE MEC ADDHEAT

- 1. Heating elements, temperature controllers, lithium batteries and connecting cables all produced in house to ensure end-to-end quality control.
- 2. Proven quality & reliability over 2 million pieces of apparel made by MEC ADDHEAT in US, Europe and Japanese markets.
- 3. Our products meet ROHS & REACH standards.
- 4. MEC ADDHEAT products are covered by International product liability insurance for peace of mind.

#### **IN-HOUSE MANUFACTURING**

## **Heating Element:**









### **Smart Temperature Controller:**

















### **Lithium Battery:**





#### **IN-HOUSE MANUFACTURING**

#### **Heating Element** Production Line





**Smart Temperature Controller** Production Line





**Lithium Battery** Packaging Production Line





#### **IN-HOUSE MANUFACTURING**

#### Cable & Connector Production Line





**Heating Module** Assembly Line





Finished Product **Manufacturing & Inspection** 





#### **QUALITY ASSURANCE**

To ensure products are built to our high-quality specifications, our team conducts quality assurance procedures every step along the way. MEC ADDHEAT is the only manufacturer that tests 100% of the components, heat panels, heat modules and finished goods before leaving the factory.

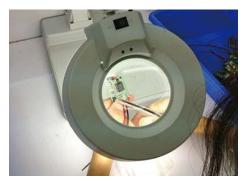






#### SAFETY FIRST

We believe that safety starts with the design of a product. To ensure safety, we've incorporated various safety technologies and gatekeepers into the production processes of our heating products.



Protective circuits on every single item



Waterproof smart temperature controller



Key components Inspections

#### TESTING LAB

Lab testing is just one aspect of building top of the line products. Our Testing Lab is equipped with advanced equipment to conduct reliability & material testing during the product development phase as well as the production stage.



Washer / Dryer Reliability Test



Waterproof Test (Steam & Pressure)







Component Durability Test

#### **CERTIFICATIONS**

MEC ADDHEAT's manufacturing facility & products has been awarded certifications by top international quality and safety standard organizations. We set industry standards with an ongoing validated safe manufacturing record.



















































































# Safe, Durable, Washable and Comfortable Heating Technology



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