### **Health Life · Longest Care**

Longest, a leading manufacturer in physiotherapy and rehabilitation, provides healthcare professionals and consumers with non-invasive solutions to various health problems to prevent unnecessary invasive procedures.

Our wide portfolio of performance-center solutions supports health systems to manage the growing rehabilitation needs better, speed up workflows, reduce costs, and improve patient outcomes.

Together, we improve the lives of patients and their families.

### Longest

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#### Contact us

Email: export@longest.cn Tel: (+86) 020-66353999





2023





## LONGEST PROFILE

Guangzhou Longest Science & Technology Co., Ltd, a leading provider of high-quality physiotherapy & rehabilitation products in China, is committed to helping create a better environment of physiotherapy & rehabilitation for all and making affordable physio & rehab services reach everyone.

Our high-quality products are providing benefits for more than 2000+ medical facilities in over 80 countries. In addition, we have helped build highly efficient physiotherapy & rehabilitation systems for corporations and healthcare providers around the world.

2000

700+

Employees

2000+

loyees Medical Facilities Served

+08

**Founded** 

**Countries & Regions** 



**Experience & Expertise** 

Longest provides trusted products and services with a 22-year heritage of experience and expertise. We have specialized in physiotherapy & rehabilitation for more than 22 years. And over the years, we have extended that strength to over 80 countries, leveraging our in-depth knowledge in the industry to help solve every need of our clients. Our efforts have been recognized by more and more clients worldwide.

**Strong R&D Capability** 

Longest believes in "Technology will shape the future." Therefore, innovation has been deeply rooted in our DNA. We invest heavily in people, technologies, and resources to deliver more and better products to customers across the globe. 10% of revenue is spent on R&D every year and currently, we have 80+ R&D professionals, accounting for 15% of employees.

With our R&D strength continuing to increase, Longest is bringing more and more innovation in physiotherapy & rehabilitation, leading the industry in China.

**Quality & Compliance** 

Longest adheres to the principle of "Market Is Created by Quality." Quality is our top priority, followed by timeliness and cost. Longest employees are encouraged to make continuous improvements in performance at every step of the value chain. Our commitment to quality to live up to the standards is at the heart of everything we do.















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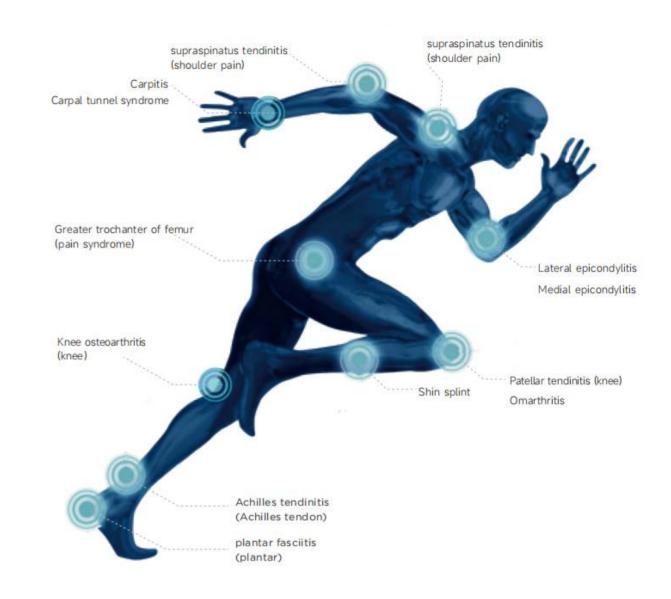
Neurological Rehabilitation



**Aesthetic Medicine** 



### **MOST COMMON APPLICATIONS**



### **3-STEP OPERATION**







**Set Parameters** 



**Start Treatment** 

### **POWERSHOCKER LGT-2500 SERIES**



PowerShocker LGT-2500 series provides non-invasive, safe, and fast shockwave treatment of a variety of injuries, especially musculoskeletal conditions, injuries involving tissues, ligaments, and chronic conditions, widely adopted in physiotherapy clinics to improve patient care and clinical efficiency.

#### Reliable

- CE/FDA/TGA/ANVISA/Health
- Over 24-hour aging test before delivery
- Stable and continuous shockwave output
- · Non-invasive and safe treatment

### Easy to use

- Large full color touch screen
- Preset protocols
- · Intuitive body navigation
- Multi-language setting

### Competitive

- Competitive pricing
- · Bulit-in Germany-imported air compressor
- Low maintenance
- Low noise operation
- · User-defined protocols
- Long service life

### Wide Therapeutic Effects

- · Relieve pain
- Speed up the healing process
- · Reduce muscle stiffness and tension
- Improve range of motion
- · Enhance blood circulation

### Application

· Hospitals, outpatient clinics, physiotherapy clinics, skilled nursing facilities, massage center, orthopedics, etc.

### PowerShocker LGT-2500S

### PORTABLE. **FAST THERAPY ANYWHERE**



#### PowerShocker LGT-2500S

It is a portable shockwave therapy device that allows physiotherapists to deliver speedy treatment whenever the patient is located, even at patients' homes. It also takes up less space, avoiding overcrowding of the facility.

- Intuitive 7" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- 11 preset treatment protocols for improved efficiency
- User-defined protocols with clear body navigation
- User-friendly ergonomic handpiece for a comfortable and firm grip
- Compatible with various treatment transmitters
- Multilanguage software ((English, German, French, Italian & Spanish))
- 2-year warranty
- Certification: TGA, CE, FDA, Health Canada

### PowerShocker LGT-2500S Plus

## PLUS VIBRATION MASSAGE. IMPROVED EXPERIENCE



### PowerShocker LGT-2500S Plus

It is a dual-channel shockwave therapy device that provides patients with a better experience. It not only delivers powerful and stable shockwave that helps improve patients' physical well-being but also provides patients with comfortable massage after shockwave therapy, improving patient recovery and experience.

#### **FEATURES & BENEFITS**

- 2 Channels: powerful shockwave treatment + comfortable massage after treatment
- Intuitive 7" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- 11 preset treatment protocols for improved efficiency
- User-defined protocols with straightforward body navigation
- User-friendly ergonomic handpiece for a comfortable and firm grip
- Compatible with various treatment transmitters
- Multilanguage software (English, German, French, Italian, Spanish, Turkish, Portuguese, Polish, Dutch, Russian)
- 2-year warranty
- Certification: TGA, CE, Health Canada, NRTL

### PowerShocker LGT-2510A

## MOVABLE, POWERFUL SHOCKWAVE TREATMENT



### **PowerShocker LGT-2510A**

It is a powerful shockwave device that can be moved from place to place instead of relocating the patient, easing the burden of physiotherapists on their practice and achieving better patient care and satisfaction.

- Intuitive 10" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Designed with cabinets for storing documents, files, or tools.
- 11 preset treatment protocols for improved efficiency
- User-defined protocols with clear body navigation
- Unique burst modes for automatic frequency conversion output
- Visual Analog Scale for pain assessment
- Patient database for treatment progress tracking
- Multilanguage software (Chinese, English, German, French, Italian & Spanish)
- 2-year warranty
- Certification: TGA, CE

### PowerShocker LGT-2510B

## DUAL CHANNEL. ACHIEVE MORE IN LESS TIME



### PowerShocker LGT-2510B

It is the strongest shockwave therapy device with 2 channels for shockwave output, reducing treatment time and allowing practitioners to attend to a greater number of patients without impacting quality.

### **FEATURES & BENEFITS**

- 2 shockwave output channels for higher efficiency
- Intuitive 10" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- User-friendly ergonomic handpiece for a comfortable and firm grip
- 11 preset treatment protocols for improved efficiency
- User-defined protocols with clear body navigation
- Unique burst modes for automatic frequency conversion output
- Visual Analog Scale for pain assessment
- Patient database for treatment progress tracking
- 2-year warranty
- Certification: TGA, CE

### PowerShocker LGT-2500F

### LEASEABLE FOR BETTER UTILIZATION



### PowerShocker LGT-2500F

Our newest ESWT device with improved appearance design. The larger 10.4" full-color touch screen makes the operation easier and more intuitive.

The unique lease mode allows the owner to rent the device to others to achieve a much better utilization and economic effectiveness.

- Intuitive 10.4" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Designed with rotary knobs for quick parameter setting
- User-defined protocols
- Unique lease mode
- Patient database for treatment progress tracking
- Multilanguage software (English, French)
- 2-year warranty

<sup>\*</sup> We provide shockwave devices specifically designed to meet different needs for applications in physiotherapy, aesthetic medicine, and veterinary medicine. Contact us if you have any questions through <a href="mailto:export@longest.cn">export@longest.cn</a>

### **TECHNICAL SPECIFICATION COMPARISON**

Model	LGT-2500S	LGT-2500S Plus	LGT-2500F	LGT-2510A	LGT-2510B
PowerShocker Series				Longest	Longest
Channel	single	2 (shockwave +vibration massage)	single	single	2
Compressor		Gern	nany-imported superior silent air com	pressor	
Interface	7" LCD touch screen	7" LCD touch screen	10.4" foldable touch screen	10" LCD touch screen	10" LCD touch screen
Performance	Pressure $1.0 - 4.0$ bar Frequency $1 - 17$ Hz Pulse $1 - 3000$	Pressure $1.0 - 5.0$ bar Frequency $1 - 22$ Hz Pulse $1 - 8000$	Pressure 1.0 – 4.0 bar  Frequency 1 – 17 Hz  Pulse 1 – 15,000	Pressure 1.0 – 5.0 bar  Frequency 1 – 22 Hz  Pulse 1 – 3000	Pressure 1.0 – 5.0 bar Frequency 1 – 22 Hz Pulse 1 – 3000
Rotary knob			•		
Burst mode				V	V
Lease mode			~		
Preset protocols	~	~		V	~
User-defined protocols	~	V	V	V	<b>✓</b>
Body navigation	~	~		~	~
VAS for pain assessment				~	~
Patient database			<b>✓</b>	<b>✓</b>	<b>✓</b>

### **ACCESSORIES**

- ✓ Ergonomic Design
- ✓ Comfortable & Firm Grip
- ✓ Less Maintenance
- ✓ Durable



**Shockwave Handpiece** 



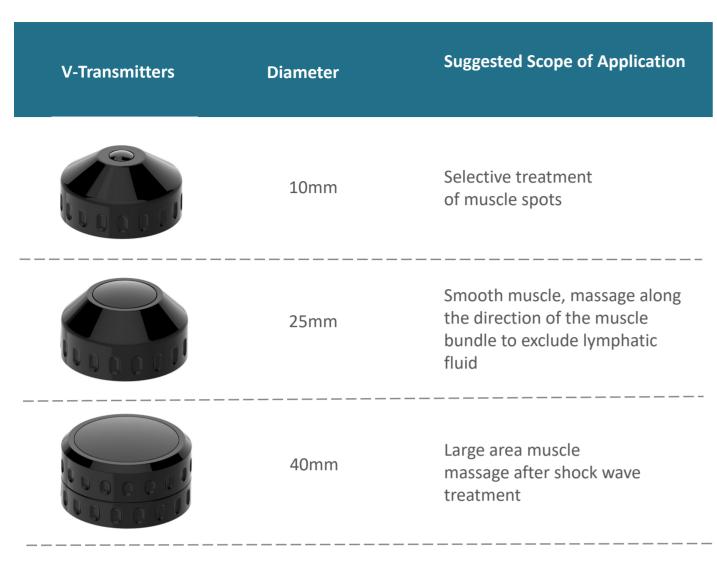
V - Handpiece

Durable Hard Shell, Good Resistance to Bumps



Handpiece Box (with tool kits for installation and maintenance inside)

Transmitters	IVNA	ved Pulse-intensity gral / Penetration Dep	Indications th
	6 A ( D = 6 mm Acupuncture )	0-40mm	Acupuncture shockwave therapy
	15 D ( D = 15mm Deep )	0.51 mJ/mm² 0 - 60 mm	Trochanter bursitis/ chronic tendon terminal disease
	15 F ( D = 15 mm Focus )	0.51 mJ/mm² 0 - 20 mm	Close to surface pain areas/ fascial muscles/ neck/ head/ individual triggers
	15 R ( D = 15 mm Radial )	0.32 mJ/mm² 0 - 40 mm	Pain therapy in tendon disorders/ calcified shoulder/ heel spur/ etc.
	20 R ( D = 20 mm Radial )	1.08 mJ/mm² 0 - 50 mm	Treatment of deep-seated muscles/ myofascial trigger therapy/ muscle-and connective tissue/ dissolution of fibrosis
	36 R ( D = 36 mm Radial )	0 – 50 mm t	Treatment of deep-seated muscles/ myofascialtrigger therapy/muscle and cissue/ back muscles/ skin elasticity/ dissolutionof fibrosis



### **Trolley**

- Easy to install
- Durable to use
- Large storage space







### **Carrying Case**

- User-friendly handles
- Quiet and durable wheels
- Smooth and durable zips
- Durable hard shell, good resistance to rain and bumps
- Built-in compartments with strong cushions that protect items

Some are optional accessories (V-handpiece and V-transmitters is only for LGT-2500S Plus). Contact us if you have any question via <a href="mailto:export@longest.cn">export@longest.cn</a>

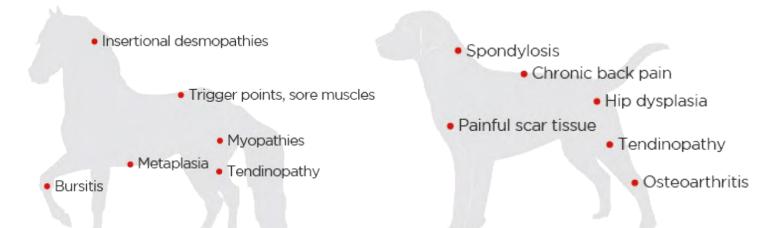


Extracorporeal shockwave therapy (ESWT) is increasingly applied in the veterinary field. It has been first used on horses to speed the healing of broken bones, tendon and ligament injuries and ease arthritis pain. And then, the application has been extended to treat various orthopedic conditions in dogs.

### **ESWT INDICATIONS FOR ANIMALS**

ESWT is a non-invasive treatment that is widely used in treating many musculoskeletal conditions, primarily those involving connective tissues such as ligaments and tendons. It works by generating a series of sound waves that travel from the probe through the skin and soft tissue. The shock waves can interact with the tissue to produce mechanical and cellular effects. The purpose of the therapy is to trigger the body's natural healing response; therefore, the procedure has limited side effects.

- Osteoarthritis
- Tendon & ligament injuries
- Wounds
- Bone fractures
- Muscle & Joint Pain



### PowerVet LGT-2500S

## SMALLER & EASIER TO USE, SIMPLIFY DAILY USE



#### PowerVet LGT-2500S

PowerVet LGT-2500S has an improved user interface that simplifies its daily use. The built-in high-quality air compressor ensures stable and continuous treatment.

- Intuitive 7" full-color touch screen for easy operation
- Built-in air Germany-imported air compressor
- Up to 3000 pulses per minute to allow for quick treatments
- Pressure up to 4 bar
- Frequency up to 17 Hz
- Compatible with various treatment transmitters
- Multilanguage software (English, German, French, Italian & Spanish)
- 2-year warranty
- Certification: TGA, CE, FDA, Health Canada

### **ACCESSORIES** (Accessories with \* are optional accessories.)

(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	essories with are optional accessories.
Name	Image
Handpiece	
15mm Radial Transmitter	
20mm Radial Transmitter	
*15mm Focus Transmitter	
*15mm Deep Transmitter	
*6mm Acupuncture Transmitter	





\* Trolly

### **SPECIFICATION**

Product Name	PowerVet LGT-2500S
Interface	7" LCD touch screen
Pressure Range	1.0-4.0 bar
Frequency	1-17 Hz
Impulse Range	1-3000
Dimension	395 x 39 x 194mm
Standard Weight	8.5kg
Quality Assurance	2-year warranty
Certification	CE, TGA, Health Canada, FDA



Acoustic wave therapy is a novel cosmetic technique that involves nonthermal penetration of the skin and subcutaneous tissue, affecting cells and their metabolism, and resulting in an increased release of unwanted fat and activation of blood and lymphatic flow in tissues.

### **MOST COMMON APPLICATIONS**



### **FACE**

- skin tightening
- wrinkles smoothing
- dermal redensification



### **BODY**

- body slimming
- cellulite reduction
- stretch marks and scars removal
- muscle firming
- body detoxification



**MEN'S CARE** 

- erectile dyfunction
- peyronie's disease
- chronic prostatitis
- benign prostatic hyperplasia

### **3-STEP OPERATION**



Apply gels on the treated area



Set Parameters



Start Treatment

### **POWERWAVE LGT-2500 SERIES**



PowerWave LGT-2500 series uses radial pulse waves to repair tissue by stimulating circulation in all layers of the skin, including blood vessels, connective tissue, and muscles. It can be used in reconstruction surgery, burn surgery, and aesthetic surgery to treat wounds and scars, accelerate wound healing, remove cellulite, erase stretch marks, and improve the tone and elasticity of the skin. The treatment can also be applied in breast cancer cases to treat lymphedema.

#### Reliable

- CE/FDA/TGA/ANVISA/Health Canada
- Over 24-hour aging test before
- Stable and continuous shockwave output
- Non-invasive and safe treatment

### Easy to use

- Large full color touch screen
- Preset protocols
- · Intuitive body navigation
- Multi-language setting

### Competitive

- Bulit-in Germany-imported air
- Low noise operation
- Long service life

### Wide Therapeutic Effects

- Smooth scars and stretch marks
- Reduce cellulite
- Improve skin tone and elasticity
- Improve metabolism
- Reduce lymphedema
- Speed up wound healing
- · Enhance blood circulation and lymphatic drainage

- · Competitive pricing
- · Low maintenance

### Application

 Hospitals, outpatient clinics, physiotherapy clinics, skilled nursing facilities, beauty clinics, postpartum care centers, etc.

### PowerWave LGT-2500S

### **POWERFULLY ADDRESS MANY SKIN & COSMETIC PROBLMES**



#### PowerWave LGT-2500S

It uses radial pulse waves together with the body's own ability to repair tissue by stimulating circulation in all layers of the skin, including blood vessels, connective tissue, and muscles. It effectively tightens and forms new connective tissue, reduces cellulite, and improves skin appearance.

- Intuitive 7" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Preset treatment protocols for improved efficiency
- User-friendly ergonomic handpiece for a comfortable and firm grip
- Compatible with various treatment transmitters
- Circumference measurement
- Patient database to track treatment progress
- Multilanguage software ((English, German, French, Italian & Spanish))
- 2-year warranty
- Certification: TGA, CE, FDA, Health Canada

### PowerWave LGT-2500S Plus

## SAFER & EASIER WAY TO ACHIEVE IDEA BODY SHAPE



### PowerWave LGT-2500S Plus

It is easy to operate, high-performance and quality-guaranteed. The two-channel design allows therapists to improve the treatment experience, delivering greater value to both patients and clinics.

### **FEATURES & BENEFITS**

- 2 Channels: powerful acoustic wave treatment + comfortable massage after treatment
- Intuitive 7" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Preset treatment protocols for improved efficiency
- Patient database to track treatment progress
- User-friendly ergonomic handpiece for a comfortable and firm grip
- Compatible with various treatment transmitters
- Circumference measurement
- Multilanguage software (English, German, French, Italian, Spanish, Turkish, Portuguese, Polish, Dutch, Russian)
- 2-year warranty
- Certification: TGA, CE, Health Canada, NRTL

### PowerWave LGT-2500F

## THE BEST BODY TREATMENT EXPERIENCE STARTS HERE!



#### PowerWave LGT-2500F

It supports leasing, increasing the utilization rate of the device. Owners can lend it to end users or clinics to make more profit. Each lease period is 30 days.

- Intuitive 10.4" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Designed with a rotary knob for quick parameter setting
- User-defined protocols
- Unique lease mode
- Patient database for treatment progress tracking
- Multilanguage software (English, French)
- 2-year warranty

### PowerWave LGT-2510A

## GROUND-BREAKING BODY SHAPING TREATMENT



#### PowerWave LGT-2510A

It uses advanced pneumatic ballistic technology and is built with a high-performance compressor, which guarantees a stable power source supply and superior treatment effect.

#### **FEATURES & BENEFITS**

- Intuitive 10" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- Designed with cabinet for storing documents, files, or tools.
- Preset treatment protocols for improved efficiency
- Unique burst mode for automatic frequency conversion output
- Circumference measurement
- Patient database for treatment progress tracking
- Multilanguage software (Chinese, English, German, French, Italian & Spanish)
- 2-year warranty
- Certification: TGA, CE

### PowerWave LGT-2510B

## THE MOST EFFECTIVE BODY SCULPTING TREATMENT



### PowerWave LGT-2510B

High effectiveness, high cost-efficiency, safety, and easy operation make it an ideal choice for therapists to treat various cosmetic problems. The dual-channel design increases the efficiency of clinics.

- 2 shockwave output channels for higher efficiency
- Intuitive 10" full-color touch screen for easy operation
- Built-in air compressor for continuous & stable shockwave output
- User-friendly ergonomic handpiece for a comfortable and firm grip
- Preset treatment protocols for improved efficiency
- Unique burst mode for automatic frequency conversion output
- Circumference measurement
- Patient database for treatment progress tracking
- 2-year warranty
- Certification: TGA, CE

<sup>\*</sup> We provide shockwave devices specifically designed to meet different needs for applications in physiotherapy, aesthetic medicine, and veterinary medicine. Contact us if you have any questions through *export@longest.cn* 

### **TECHNICAL SPECIFICATION COMPARISON**

Model	LGT-2500S	LGT-2500S Plus	LGT-2500F	LGT-2510A	LGT-2510B
PowerWave Series				Longest	Longest
Channel	single	2 (shockwave +vibration massage)	single	single	2
Compressor		Gern	many-imported superior silent air com	pressor	
Interface	7" LCD touch screen	7" LCD touch screen	10.4" foldable touch screen	10" LCD touch screen	10" LCD touch screen
Performance	Pressure $1.0 - 4.0$ bar Frequency $1 - 17$ Hz Pulse $1 - 3000$	Pressure $1.0 - 5.0$ bar Frequency $1 - 22$ Hz Pulse $1 - 8000$	Pressure 1.0 – 4.0 bar  Frequency 1 – 17 Hz  Pulse 1 – 15,000	Pressure 1.0 – 5.0 bar Frequency 1 – 22 Hz Pulse 1 – 3000	Pressure 1.0 – 5.0 bar Frequency 1 – 22 Hz Pulse 1 – 3000
Rotary knob			~		
Burst mode				~	~
Lease mode			~		
Preset protocols	~	~		•	~
User-defined protocols			~		
Body navigation	~	~		~	V
Circumference	~	~		~	V
Patient database	~	~	<b>✓</b>	•	V



Pressotherapy realizes many therapeutic effects by providing the treated areas with gradient pressure intermittently. A pressotherapy device consists of an air pump and inflatable sleeves with multiple air chambers. The sleeves are inflated and deflated on a timed cycle to create intermittent pressure on arms, legs, abdomen and other body parts, supporting the heart and circulatory system and promoting the healthy movement of blood in the body.

### **FIELDS OF APPLICATION**



### **Physiotherapy**

- Relieve aches, fatigue, and stiffness in the muscles
- Reduce swelling
- Treat venous insufficiency
- Enhance blood circulation
- Improve range of motion



**Sports Medicine** 

- Relieve pain, fatigue, and lactate
- Accelerate regeneration
- Reduce the risk of injury
- Improve training performance
- Increase the flexibility of joint



### **Post-surgical Recovery**

- Prevent DVT
- Promote wound healing
- Reduce lymphedema



#### **Aesthetic Medicine**

- Improve lymphatic drainage
- Promote body detoxification
- Reduce the appearance of cellulite
- Improve metabolism

## AIR COMPRESSION THERAPY LGT-2200 SERIES



Longest LGT-2200 series uses advanced iintermittent pneumatic compression systems and high quality sleeves to provide comfortable and effective compression therapy to help individuals enhance the blood and lymphatic circulation to avoid lymphedema and many vascular disorders including DVT, varicose veins, and chronic venous insufficiency. It is also popular among athletes to help relieve pain and soreness and speed up recovery after training.

### Reliable & Safe

- CE, Health Canada, FDA, NRTL
- 5,000 50000 times inflation and deflation tested before delivery
- Pressure alarm to ensure safe treatment
- 2-year warranty

### Easy to use

- Programmed multiple treatment modes
- Quick and easy connectors
- Small size, compact design

### Competitive

- · Competitive pricing
- Wide pressure range setting
- Adjustable Pressure for Each Chamber
- Durable to use and less maintenance
- Multi-chamber design

### Air Compression Therapy LGT-2200L

## COMPREHENSIVE. FROM BASIC PATIENT CARE TO MORE COMPLEX CLINICAL NEEDS

### Air Compression Therapy LGT-2200L

It is an advanced IPC system that delivers pressure up to 187mmHg. It has as many as 18 compression modes and can be used to prevent deep vein thrombosis, reduce edema, promote leg ulcer healing, and relieve varicose veins.



- Pressure: 37 187 mmHg
- 2 channels with 5.7" touch screen
- 18 modes for various compression flow (3 DVT mode + 6 four-chamber mode + 9 eight-chamber modes)
- Powerful pump that provides stable output
- Individually adjustable pressure for each chamber
- Disable one or more chambers to protect injured tissues
- Real-time pressure detection & power-off protection for patient safety
- Personalized treatment programs, from the most basic patient need to more complex clinical prescription
- Certification: CE. NRTL

### **Air Compression Therapy LGT-2200WM**

## SPECIALLY DESIGNED FOR AESTHETIC MEDICINE

### Air Compression Therapy LGT-2200WM

It is designed for beauty clinics to help customers relieve swelling, improve blood circulation, and boost metabolism, leaving skin looking firmed, toned, and glowing. The gradient pressure also gives the muscles a good massage, which is great for relieving fatigue and restoring energy.



### **FEATURES & BENEFITS**

- Pressure: 37-187mmHg
- 4 channels with 7" touch screen
- Comfortable inflation and deflation
- Durable & easy-to-use sleeves
- 8 compression modes
- Real-time pressure monitoring of each chamber
- Can connect with 2 pcs full-body cuffs simultaneously
- Certification: CE, NRTL

### Sleeves for LGT-2200L & LGT-2200WM

### **REUSABLE & COMFORTABLE**

Sleeves	Туре
Longest	4-chamber, 8-chamber arm sleeve
Longest	4-chamber, 8-chamber leg sleeve
	4-chamber waist sleeve
The graph and	8-chamber full body sleeve
Lineagent	2-chamber calf sleeve
Longest	1-chamber foot sleeve

### **Air Compression Therapy LGT-2201DVT**

## PORTABLE DVT PREVENTION DEVICE. CONVENIENT TO USE

### **Air Compression Therapy LGT-2201DVT**

It is a portable DVT prevention pump, suitable to use in hospitals to save space and avoid facility congestion. And the hook design makes operation more convenient.



### **FEATURES & BENEFITS**

- 2.2"OLED screen
- Smaller size, more convenient and portable
- Hook design, avoid overcrowding of the facilities
- 4 modes for different treatment areas
- Extended range of pressure (30-150mmHg)
- Pressure alarm for patient safety
- Certification: CE, Health Canada, FDA

### **Air Compression Therapy LGT-2200DVT**

## FOR DVT PREVENTION. SUITABLE FOR HOSPITAL USE

### Air Compression Therapy LGT-2200DVT

It is specifically designed to prevent deep vein thrombosis and pulmonary embolism in hospitalized patients and promote patients' recovery after surgery and severe injuries.



- 5" OLED touch screen
- Rechargeable battery, more application scenarios
- Hook design, space-saving
- 4 modes for different treatment areas
- Individually adjustable pressure for each chamber
- A wide range of pressure (40-150mmHg)
- User-defined duration & interval time
- Certification: CE, Health Canada, ANVISA, NRTL. CB

### Sleeves for LGT-2200DVT & LGT-2201DVT

### **DISPOSABLE, COMFORTABLE TO WEAR**

Sleeves	Туре	Size	Proximal Circumference
Teadury Teadury	Thigh + Calf Sleeve	M: 690*550mm L: 910*640mm	M: <69.5cm(28") L: <91.4cm(36")
Longest	Thigh Sleeve	S: 750*250mm M: 840*275mm L: 960*310	S: 65-75cm (26-30") M: 74-84cm (30-34") L: 86-96cm (35-39")
Longest	Calf Sleeve	S: 620*310mm M: 710*370mm L: 810*410mm	S: 50-62cm (20-24") M: 60-71cm (24-28") L: 70-81cm (28-32")
1806105	Calf+Foot Sleeve	M: 580*670mm	M: <58.7cm (23")
	Foot Sleeve	S: 440*150mm M: 550*160mm L: 630*180mm	<del>_</del>



### **Air Compression Therapy LGT-2200SP**

### **BOOST RECOVERY & IMPROVE ATHLETIC PERFORMANCE**

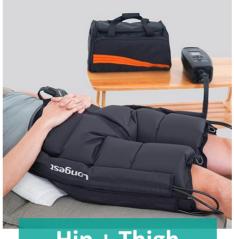
It is an easy-to-use air compression device suitable for general consumers to use at home to help boost blood circulation and reduce swelling, muscle pain, and fatigue. It is also ideal for athletes to recover more quickly after training.

#### **FEATURES & BENEFITS**

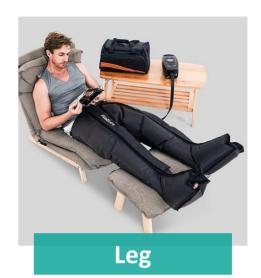
- Pressure: 30-150mmHg
- Rechargeable Battery ≥ 6h working hours
- 6 modes, meet most treatment needs
- Durable pump: withstand 10,000h tests
- Real-time pressure monitoring
- High-quality overlapping sleeves
- Certification: CE, Health Canada, FDA, NRTL

### **OVERLAPPING SLEEVES**

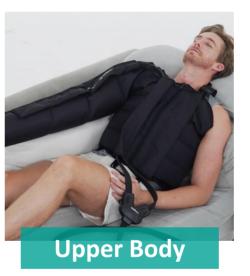
The sleeves are made of high-quality 420 denier, odorless, durable, and easy to clean. It provides you with gapless and comfortable compression. Various sleeves are available: legs, arms, hip, upper body, and full body.

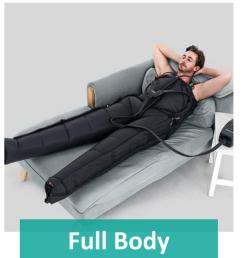


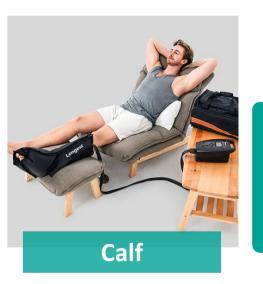














### **CARRYING BAG**

LGT-2200SP comes with a high quality bag, making it convenient to carry along and get the treatment anytime, especially when you go out for sports.

### **TECHNICAL SPECIFICATION COMPARISON**

Model	LGT-2200L	LGT-2200WM	LGT-2200DVT	LGT-2201DVT	LGT-2200SP
Air Compression Therapy Series					
Channel	2	4	single	single	single
Chamber	8	8	1-3	1-3	4
Compression Mode	18 (3 DVT modes + 6 four- chamber modes + 9 eight- chamber mode	8	4	4	6
Parameters	Pressure: 37 – 187 mmHg Time: 1 – 99min or 1-99h	Pressure: 37 – 187 mmHg Time: 1 – 99min	Pressure: 40 – 150 mmHg Time: 1 – 24h or continuous	Pressure: 30 – 150 mmHg Time:1 – 99min or continuous	Pressure: 30 – 150 mmHg Time: 1 – 99min
Interface	5.7" touch screen	5.7" touch screen	5"OLED touch screen	2.2"OLED screen	2.2''OLED screen
Rechargeable Battery			9000mAh	3500mAh	6500mAh
Automatic Memory	•	•	~	<b>✓</b>	<b>✓</b>
Dimension	393*366*194mm	393*366*194mm	150*184*250mm	270*148*145mm	270*148*128mm
Standard Weight	10kg	10kg	2.7kg	2.2kg	1.65kg
Certification	CE, NRTL	CE, NRTL	CE, Health Canada, ANVISA, NRTL. CB	CE, Health Canada, FDA	CE, Health Canada, FDA, NRTL
Application	Hospitals, outpatient clinics, physiotherapy clinics, skilled nursing facilities, beauty clinics, postpartum care center, etc.	Physiotherapy clinics, skilled nursing facilities, beauty clinics, postpartum care center, etc.	Hospitals, outpatient clinics, physiotherapy clinics, skilled nursing facilities, postpartum care center, etc.	Hospitals, outpatient clinics, physiotherapy clinics, skilled nursing facilities, postpartum care center, etc.	Home, gym, sports center, physiotherapy center



Electrotherapy is a treatment that uses electrical impulses sent via pads placed on the skin to stimulate muscles or nerves to achieve many medical benefits. It can help relieve pain as the impulses can interfere with the transmission of pain signals to the brain and promote the release of natural painkiller endorphins. And it can also stimulate intense or frequent muscle contractions to strengthen weak or paralyzed muscles, boost circulation, and boost circulation.

### **TYPES OF ELECTROTHERAPY**

### Transcutaneous Electrical Stimulation (TENS)

TENS is a type of electrotherapy that sends small electrical impulses to affected areas of one's body to help relieve pain and relax muscles. The electrical currents interfere with the transmission of pain signals to the spinal cord and brain, which means the pain signals are blocked so that the users cannot feel the pain. The stimulation also helps promote the release of endorphins — natural painkillers chemicals in the human body.

"It controls pain effectively, noninvasively, and with fewer side effects."

### Neuromuscular Electrical Stimulation (NMES)

NMES sends the electrical current, which we mentioned as a "signal," to the muscles, making contraction. Then, the blood vessels through the muscles are compressed so that the local blood circulation is accelerated. Muscle atrophy will be retarded, and the users even can rebuild muscles with NMES assistance.

"It can retrain muscles to restore functions and improve muscle strength and range of motion."

### Functional Electrical Stimulation (FES)

FES is an approved rehabilitation intervention to help improve foot drop and increase muscle strength. It works by delivering small electrical impulses to stimulate the common peroneal nerve to cause muscle contractions and help lift the front of the foot. The device usually comes with a smart sensor to detect the right moment you need to lift the foot and then provide precise contractions.

"A great alternative to AFO, with greater therapeutic effects."

### Microcurrent Therapy (MCR)

MCR uses frequency-specific electrical currents to the injured part to speed up the healing and regeneration of injured tissue.

"It is widely used in facial treatment to help tighten skin and reduce the visible signs of aging."

## **ELECTROTHERAPY LGT-230 SERIES**



Longest LGT-230 series uses the latest electrotherapy technology to realize many medical effects, including relieving pain, promoting the healing process, restoring physical functions, improving mobility, slimming the body, and building muscles. This therapy has a wide application in physiotherapy, neurological rehabilitation, sports medicine, and aesthetic medicine.

### Multifunctional

- Multiple types of therapies: TENS, NMES, MCR, FES
- Multichannel treatment to increase efficiency
- A wide range of applications: pain, dysphagia, DVT prevention, foot drop, musculoskeletal disorders, etc.

### Compact & Reliable

- Portable, compact design, making it easier to carry along.
- FDA, CE, and Health Canada certified.

### **User App**

 Built around a user app, allowing the smarter practice.

### **MStim Reha LGT-231**

### "TENS + NMES", FLEXIBLE APPLICATIONS

#### **MStim Reha LGT-231**

### **Applications**

- Pain Management
- Dysphagia
- Urinary Incontinence
- DVT and Other Circulatory Problems
- Musculoskeletal Disorders



### **FEATURES & BENEFITS**

- 2 channels
- 3 modes: NMES, TENS, and MCR
- User App control more intuitive and convenient operation
- Many preset protocols
- Lightweight & Portable
- Pulse width: 50~400us
- Pulse frequency: 1-120Hz
- Intensity: 0-100mA
- Certification: CE, FDA, Health Canada





"MStim Reha"

Download App by searching "MStim Reha" in the App Store or Scan the QR code to download. Please contact us if you have any questions:

export@longest.cn





Android

iOS

### **MStim Sport LGT-232**

## MOST EFFECTIVE WAY TO DOUBLE FITNESS GAIN

### **MStim Sport LGT-232**

### **Applications**

- Lost weight
- Build and firm up muscles
- Relieve pain
- Improve muscle strength, endurance, and explosive power
- Improve athletic performance



### **FEATURES & BENEFITS**

- 7 modes: warm-up exercise, endurance exercise, strength exercise, muscle shaping, explosive force exercise, pain relief, and relaxation massage
- Wireless design, small & lightweight, convenient to use anywhere
- As many as 4 devices can be applied simultaneously
- Built around a user app for smarter control
- Auto identification of the most suitable intensity & pulse width for you
- Pulse width: 200-400μs
- Intensity: 0-100mA
- Certification: FDA, Health Canada



## Longest

"MStim Sport"

Download the App by searching "MStim Sport" in the App Store or Scan the QR code to download. Please contact us if you have any questions: <a href="mailto:export@longest.cn">export@longest.cn</a>





### **MStim Drop LGT-233**

### WALK BETTER WITH FOOT DROP

### **MStim Drop LGT-231**

### **Applications**

- Treat Foot Drop Symptoms
- Improve Muscle Strength
- Increase Range of Motion



### **FEATURES & BENEFITS**

- 2 modes: Train mode to improve muscle strength and dorsiflexion; Walk mode to assist in walking.
- Compact design, wearable and lightweight
- User app for intuitive and smart operation experience
- Smart sensor to provide precise stimulation and measure treatment progress
- Pulse width: 50-500µs
- Intensity: 0-100mA

"MStim Drop"

• Certification: FDA, Health Canada





Download the App by searching "MStim Drop" in the App Store or Scan the QR code to download. Please contact us if you have any questions: <a href="mailto:export@longest.cn">export@longest.cn</a>





Android

iOS

Android

iOS

### **MStim Arth LGT-235**

## THE MOST CONVENIENT KNEE OSTEOARTHRITIS TREAMENT

### **MStim Arth LGT-235**

### **Applications**

- Treat Knee Osteoarthritis
- Reduce Kness
- Improve Range of Motion



### **FEATURES & BENEFITS**

- 2 modes: TENS for pain relief; MCR for damaged tissue repair
- Compact and wearable design
- Smart user app for more convenient control of the device
- Comfortable, conductive and convenient knee brace
- Pulse width: 50~500μs
- Pulse frequency: 1-120Hz
- Intensity: 0-100mA (TENS); 0-1000μA (MCR)
- Certification: CE, FDA, Health Canada





"MStim Arth"

Download the App by searching "MStim Arth" in the App Store or Scan the QR code to download. Please contact us if you have any questions: <a href="mailto:export@longest.cn">export@longest.cn</a>





Android

iOS

### **Electrical Stimulation LGT-2320BE**

## BUILD THE PERFECT BODY SHAPE EFFORTLESSLY



### **FEATURES & BENEFITS**

- 12 channels, allowing treatment of multiple body parts at the same time to increase efficiency
- 9 treatment modes: Standard, Toning, Fast Slim, Lymph Drainage, Relaxation, Abdomen, Thighs & Hips, Facial, Bust
- Burn up to 1000Kcal after a 45-minute session
- Certification: Health Canada



**Patient Safety Switch** 

### **TECHNICAL SPECIFICATION COMPARISON**

Model	LGT-231	LGT-232	LGT-233	LGT-235	LGT-2320BE
Electrotherapy Series	HALLES AND	Topod Representation of the Proposition of the Prop	The Congest and the Congest an	Longest	ISBREAT SOLUTIONS OF SOLUTIONS
Channel	2	4 devices can be used simultaneously	single	single	12
Mode	3 (TENS, NMES, MCR*)	7	2 (Train, Walk)	2 (TENS, MCR)	9
Parameters	Pulse width: 50~400μs Frequency:1-120Hz Intensity: 0-100mA	Pulse width: 200~400μs Frequency:1-120Hz Intensity: 0-100mA	Pulse width: 50~500μs Frequency:1-120Hz Intensity: 0-100mA	Pulse width: 50~500μs Frequency:1-120Hz Intensity: 0-100mA (TENS), 0-1000μA (MCR)	Pulse width: 220~250μs Frequency: 55-113Hz Intensity: 0-120mA
User App	~	~	~	V	
Interface					Touch screen
Rechargeable Battery	<b>✓</b>	<b>✓</b>	~	~	
Dimension	66*122*27mm	55*16mm	59*59*22mm	59*59*33mm	392*365*217mm
Standard Weight	120g	60g	60g	2.2kg	1.65kg
Certification	CE, FDA, Health Canada	Health Canada, FDA	FDA, Health Canada	CE, Health Canada, FDA	Health Canada
Application	Hospitals, physiotherapy clinics, nursing facilities, postpartum care center, etc.	Home, gym, sports team	Hospitals, physiotherapy clinics, nursing facilities, neurological rehab center, home	Hospitals, orthopedics, physiotherapy clinics, nursing facilities, home, etc.	Spa center, beauty salon, etc.



# Active-passive Trainer

#### **Active Exercise**

Active exercise requires the patients to exert efforts to carry out. It is designed to help prevent muscle atrophy, strengthen muscles, increase the range of motion, and improve coordination.

Active exercise is good for people suffering from weak muscles, tendons, and other musculoskeletal components due to injuries, neurological disorders, etc., to build strength without spending too much effort.

### **Passive Exercise**

Passive exercise is when patients don't need to exert efforts to move their legs or arms; Someone or some device can help them move their muscles and joints through their full range of motion.

Passive exercise is excellent for patients with paralysis on one side of the body or spasticity, helping improve blood flow in the affected areas, preventing spasticity from worsening, and increasing range of motion.

### REHAMOTO LGT-5100 SERIES



Active-passive trainer RehaMoto LGT-5100 series provide passive training, constant speed training, assisted training, and active training for patients to reduce symptoms and improve well-being in the comfort of the chair and wheelchair. It is a safe and effective movement rehab exercise choice for people with SCI, PD, and MS to reduce symptoms, prevent complications, and improve their physical abilities.

### **Various Training Modes**

RehaMoto LGT-5100 series is programmed with various training modes, convenient for people with different levels of movement difficulties or different rehabilitation goals to achieve desired results.

### **Great User Experience**

RehaMoto LGT-5100 series is built with a large full-color touch screen for easier operation. And it provides an enhanced interactive experience that allows patients to enjoy the treatment process while getting better outcomes.

### **Intelligent Spasm Recognition**

RehaMoto LGT-5100 series is designed with an intelligent spasm setting and protection system. When spasms occur, the machine can detect and help relieve them automatically.

### **Extented Indications**

- Strokes
- Skull and brain trauma
- Parkinson's disease
- Cerebral paresis
- Multiple sclerosis (MS)
- Cardiovascular problems
- Arthritis and osteoarthritis
- Other problems lead to hypokinesia

### RehaMoto LGT-5100D

## CONVENIENT LEG AND UPPER BODY EXERCISER

#### RehaMoto LGT-5100D

Longest RehaMoto LGT-5100D is an activepassive trainer designed to help people suffering from muscle weakness, loss of coordination, and other mobility problems caused by neurological disorders to reduce symptoms, prevent complications, and improve wellness.

The trainer can provide the right amount of resistance or assistance according to the user's motor function to help improve muscle strength, endurance, and cardiopulmonary capacity.



### **FEATURES & BENEFITS**

- 4 training modes: Passive Training, Constant Speed Training, Assisted Training, and Active Training
- 8" full-color screen and 270° horizontal rotation
- Adjustable arm handle height: 0-150mm
- Fixable wheels are designed for easy movement of the machine and safe operation
- Great user experience



Live data to track the performance of your training



Interactive gaming experience, more engaging



Immediate feedback to see the result of every session

### RehaMoto LGT-5100P

## UPGRADED. WITH IMPROVED USER EXPERIENCE

### RehaMoto LGT-5100P

Longest RehaMoto LGT-5100P is the latest upgraded motorized bike that has added more outstanding features to provide a greater user experience.



- 8" touch screen, 270° horizontal rotation & 90° sagittal folding.
- 5 training modes, Active-Passive Training, Assistive Training, Symmetry Training, Isokinetic Training and Fine Motor Training.
- High performance servo motors ensure smooth operation
- The device can connect the heart rate sensor via Bluetooth, allowing for tracking real-time heart rate during training.
- Multiple protection functions: Spasm control, Emergency Stop, Heart Protection, Speed setting prompt.
- Radius adjustable crank, allowing to adjust the machine to suit people with different heights and leg lengths.



**Radius Adjustable Crank** 

### **TECHNICAL SPECIFICATION COMPARISON**

Model		LGT-5100D	LGT-5100P	
RehaMoto series				
	Training Mode	Passive, Constant Speed, Assisted, Active Training	Active-Passive, Assistive, Symmetry, Isokinetic, Fine Motor Training.	
	Interface	8" LCD touch screen and 270° rotation	8" LCD touch screen, 270° horizontal rotation, 90° sagittal folding	
	Dimension	760*710*1072 mm	760*710*1072 mm	
	Weight	55kg	46.5kg	
	Radius of the Upper Limbs	100m	nm	
	Radius of the Lower Limbs	67 mm	58-126 mm	
Passive Rotate Speed Parameters Spasm Recognition		5-60 rpm		
		1-5		
	Spasm Relief	1- 10		
	Resistance Level	0-24		
Fine Motor Training.			<b>✓</b>	
	Gaming Types	1	3	
USB Data Ou	tput and Software Update		<b>✓</b>	
E	mergency Stop		<b>✓</b>	
Hea	rt rate Monitoring		✓ (Bluetooth connection)	
	Arm Support	Optional	Optional	
	Leg Support	✓	✓	
Accessories	Wheelchair Fixture	V	✓	
	Hand Strap	V	✓	
	Radius Adjustable Crank	Optional	<b>✓</b>	
	Certification	CE, TGA, Health Canada, NRTL	NMPA	



Electrostatic oscillation therapy is a unique therapeutic treatment that creates a strong electrical impulse field that can penetrate all tissue layers, including skin, subcutaneous fat, muscle, blood vessels, lymphatics, and connective tissue. The stretching of tissues can promote the transport of materials around the body, realizing the therapeutic effects of muscle relaxation, increased circulation, and pain relief, which are important factors in restoring function and maintaining muscle mobility.

### **How Does Electrostatic Oscillation Therapy Work?**

An electrostatic field is built up between the applicator/therapist's hands and the tissue of the patient. With the friction caused by the movement of the applicator or therapists' hands, the electrostatic induction happens, and then the soft tissues, which are attracted to the applicator or glove, react to the movement.





### **Fields of Application**







#### **Pre-and Post Surgical Care**

- Prevention and Reduction of Lymphoedema
- Trophic Improvement
- Increase of Range of Motion
- · Acceleration of wound healing
- Anti-inflammatory Effect

#### **Sports Medicine**

- Strong Pain Relief Potential
- Edema Reduction
- Promotion of Wound Healing
- Anti-inflammatory Effect
- Enhancement of Microcirculation

#### **Aesthetic Medicine**

- Detoxification
- Cellulite Reduction
- Improvement of Skin Elasticity
   & Firmness
- Anti-aging of Face and Neck
- Removal of Eye Bags and Dark Circles
- Scars Elimination

### PowerOsci LGT-2360S

HANDLELD ELECTROSTATIC OSCILLATION

THERAPY, MORE FLEXIBLE USE

#### PowerOsci LGT-2360S

PowerOsci LGT-2360S is a small, compact and easy to learn electrostatic oscillation therapy device. Its features of compact and slim design, portability, and easy operation makes it an excellent device for healthcare professionals to improve efficiency and flexibilit in their practices. It can also be used by patients to make caring for their conditions easily at home.



### **FEATURES & BENEFITS**

- Handheld, convenient, and flexible to use
- Frequency range from 5-300Hz, meeting wide treatment needs
- Sensitive button operation, fast response for great user experience
- Colored screen and clear interface for easy and intuitive operation
- 17 pre-programmed protocols in 4 clinical fields for fast therapy options: Athletic, Rehab, Chiropractic, Continuing Care
- Custom protocols to suit various conditions
- Add to favorites: you can store 5 customized protocols for convenient treatment next time.
- Ergonomic applicator handle for comfortable and firm grip
- Special applicators in two sizes and the replaceable head ensure hygiene, easy cleaning, and patient safety
- Rechargeable battery: 2600mA, last for 6 hours, recharged in less than 3 hours
- Safety protection design: short-circuit protection, over-current protection
- FDA-approved quality and safety

### **ACCESSORIES**

Ordering Number	Name
2360 02	PowerOsci Applicator Handhold Set
2360 03	PowerOsci Applicator Handle only
2360 04(e)	PowerOsci Electrode Pin Lead Wire (2/pk)
2360 04(a)	PowerOsci Applicator Lead Wire (2/pk)
2360 05	5.5cm PowerOsci Head
2360 06	10cm PowerOsci Head
2360 07	Titanium Element (1/pk)
2360 08	Wall Adapter & USB Cord
2360 09	2600mAh, lithium ion Rechargeable Battery
2360 10	PowerOsci Carrying Case
2360 11	Device Stand
2360 12	Electrode Pads (2 pairs/ pack)

### **SPECIFICATION**

Product Name	PowerOsci
Product Model	LGT-2360S
Interface	2.8" multiple color LCD screen
Output Voltage	0-900 V (p-p)
Output Frequency	5-300 Hz
Preset Protocols	Athletic, Rehab, Chiropractic, Continuing Care
Battery	2600mAh, lithium-ion battery, rechargeable
Dimension	76.5 x 143.5 x 35.5mm
Standard Weight	220g
Quality Assurance	2-year warranty
Certification	FDA

### **GLOBAL PRESENCE**





## BECOME OUR DISTRIBUTOR

For more than 20 years, Longest has manufactured physiotherapy & rehabilitation products for retailers, industry, and the medical sector. Since our foundation, we have expanded into many markets with distributing partners.

With increasing needs for rehabilitation equipment worldwide, we are actively working on expanding our international reach and seeking partners globally. Partnering with Longest, we benefit you with our 22+ years of experience and expertise, industry-leading products with proven results and competitive prices, and the most considerable services: product education, product training, and marketing support. We also constantly upgrade products and develop new products that meet the needs of your market.

If you are interested in becoming our distribution partner, contact us at **export@longest.cn** 

Together, we advance the health of all people worldwide.

### **VISION**

We look to create a better environment for physiotherapy & rehabilitation for all.

### **MISSION**

We work to become a renowned brand in physiotherapy & rehabilitation and build a healthier world.

### Welcome to Join Our Global Distributor Family













































