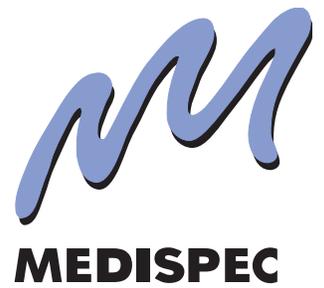


# Orthospec



## Leading the Way in Shock Wave Therapy



- *Large Patented Therapy Zone*
- *Non-Invasive*
- *Safe & Effective*
- *Anesthesia Free*
- *No Imaging Required*

***Extracorporeal Shock Wave Therapy for the Treatment of  
Chronic Heel Pain caused by Proximal Plantar Fasciitis***

# **Medispec Orthospec**

## **A Revolutionary Development in Shock Wave Therapy**

For over a decade, Medispec has been delivering highly effective shock wave devices to the worldwide medical community. Using our knowledge and experience in producing lithotripters for the treatment of kidney stones, we developed the safe, effective and easy to use Orthospec. This revolutionary device provides orthopedic and podiatric physicians with a powerful tool to treat chronic heel pain caused by proximal plantar fasciitis.

### **The Orthospec Treatment**

The Orthospec is an extracorporeal shock wave therapy (ESWT) device. ESWT is a non-invasive therapy that relieves pain by directing shockwaves onto the pain location. This therapy can be used to treat patients who have suffered from chronic heel pain caused by proximal plantar fasciitis for at least six months and who have been unresponsive to conventional treatments. The Orthospec therapy is an outpatient procedure that lasts up to 25 minutes in a single session.

### **Orthospec Procedure Advantages**

The Orthospec therapy is a safe and effective alternative to invasive surgical treatments. Because the procedure is non-invasive, it offers a variety of clinical and social advantages over surgery, including:

- ◆ Significantly lower complication rates
- ◆ Faster recovery time and earlier return to normal activity
- ◆ Improved quality of life for patients unwilling or unable to undergo surgery
- ◆ Lower healthcare cost due to simplicity of the procedure, low complication rate, and decreased productivity losses

### **Orthospec Design Advantages**

We designed the Orthospec with a focus on simplicity and functionality. It is compact, user-friendly and offers some unique features not found on other devices:

- ◆ No anesthesia required - reduces patient complication rate
- ◆ No imaging device required - enables straight forward positioning
- ◆ Procedure can easily be performed in an office setting
- ◆ Large therapy zone - treats wide area
- ◆ Easy to use control panel
- ◆ Small footprint - easy to transport and store





### ***Main Frame***

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The main frame of the Orthospec encases the high voltage generator, shock wave head and control panel. It is a stand-alone mobile unit that is sturdy and compact. The unit can be used in a variety of clinical environments, including physician offices, surgery centers, rehabilitation centers and hospitals.



### ***Shock Wave System***

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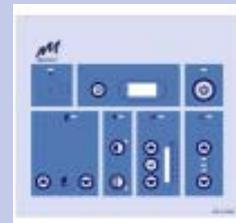
The Shock Wave System is integrated within the main frame and utilizes spark gap technology. The spark gap generator creates shock waves under water using a spark electrode placed within an ellipsoid reflector. The energy produced from the spark of the electrode is reflected through the membrane to the treatment site.



### ***Control Panel***

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The control panel provides a user-friendly interface to operate the Orthospec. It features an easy to operate touch panel with bright LED displays to control energy and frequency levels, water inflation and deflation, and shock head positioning. A real-time shock wave counter indicates the number of shocks administered during the treatment.



### ***Superior Customer Service***

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Medispec is dedicated to serving the needs of all its customers in a timely and efficient matter. We offer nationwide service through a network of several hundred trained and qualified service technicians. This is the most comprehensive service network available for ESWT systems. Medispec's unique service program and the simplistic device design provide a very high up-time rate for the Orthospec.

### ***Extensive Training Program***

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Medispec provides an extensive training program that will prepare you and your staff to operate the device and administer the ESWT treatment. Our certified and experienced applications staff conduct a three-part in-service training program that includes classroom lecture, clinical training and extensive follow-up.

## **Technical Specifications\***

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### **Treatment Parameters**

Energy Range at -6dB	110mJ; 24Kv
Diameter of therapy zone at 5MPa	35 mm
Pressure	Adjustable from 9 to 38.9 MPa
Energy level	Adjustable from 1 to 7
Frequency (or Pulse rate)	96, 120 and 160

### **Physical Specifications**

Height	1030 mm - 1330 mm
Width	410 mm
Length	900 mm
Weight	~ 100 kg/ 220 lbs.
Power Supply	115V/230V; single phase 60/50Hz; 10/5 A

### **Compliance with Standards**

ISO 9001/EN46001

*\*Specifications may change without notice.*

## **About Medispec**

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Medispec is a leading designer, manufacturer and distributor of high-performance medical equipment for the fields of Podiatry, Orthopedics, Urology and Uro-Gynecology. We strive to offer unmatched quality, cost efficiencies and customer support to physicians and medical institutions worldwide. Medispec's unique products and business solutions give patients access to quality care - when they need it, where they need it. By systematically evaluating our customers' clinical, service and budgetary needs, Medispec provides solutions that are targeted to each customer's specific needs.



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