



**ADVANCING** the art and science of **NPWT**  
negative pressure wound therapy

[www.deroyal.com](http://www.deroyal.com)

 **DeRoyal**<sup>®</sup>  
Improving Care. Improving Business.<sup>®</sup>

# ENGINEERED Next Generation NPWT

## PRO-II®

Portable, Lightweight, Trackable



*Lightweight and discreet, the PRO-II® is portable and comfortable so your ambulatory and homecare patients can get on with their lives.*

### Features

- Contoured design for patient comfort
- Virtually silent operation
- Discreet, disposable canister
- Over 24-hour battery run time
- Carrying case that can be worn on the waist or over the shoulder
- Lower pressure settings enhance comfort during use
- Variable Pressure Therapies (VPT™) provide intermittent pressure in the form of a gentle massage effect, eliminating painful high to low spikes characteristic of traditional intermittent pressure

### Benefits

- Flexible, easy-to-use settings with CPT (Continuous) or VPT (Variable) Pressure Therapies
- Contoured design makes pump easy to wear at the waist or over the shoulder
- Reduces pain and discomfort with wear time and dressing changes<sup>2,3</sup>
- Reduces the need for pain medication prior to dressing changes

## PRO-III®

Full Featured, Hospital Ready, Lots of Options



*The PRO-III® delivers all the benefits of NPWT with advanced new features developed to further simplify use.*

### Features

- Larger display screen
- Color coded display screens to signal pump idle (yellow), pump running (green), and error message (red)
- Lighter weight
- The proprietary Prospera Dual Filtration System (DFS™) is an industry first featuring internal and external bacteria filters to increase patient safety by reducing cross-contamination risk
- Patient mode, which will provide ability to adjust alarm sensitivities and monitor patient compliance

### Benefits

- Flexible, easy-to-use settings with CPT (Continuous) or VPT (Variable) Pressure Therapies
- Totally customizable
- Simple, comfortable dressing protocol
- Clinical support
- Virtually silent operation
- Cost-effective outcomes

DeRoyal has engineered and manufactured all of our NPWT kits to work across our entire platform of NPWT devices.

# Why DeRoyal Pro Series?



## **ENGINEERED** Next Generation NPWT

Since 2006, DeRoyal has been providing NPWT accessories, kits and devices to assist in healing hard-to-heal wounds.

## **SCIENTIFIC/CLINICAL** Benefits of VPT®

VPT® is proven to be the most effective form of NPWT providing a simple, comfortable and efficient wound treatment system.<sup>5</sup>

## **INCREASED** Traceability

State of the art GPS tracking systems and anytime/anywhere dashboard access to unit location.

## **REDUCED** Cost

The DeRoyal NPWT system and protocols ensure optimal outcomes at reduced cost levels.

## **INCREASE** Continuity of Care

Provide continuity of care with DeRoyal's breadth and depth of product line offerings.

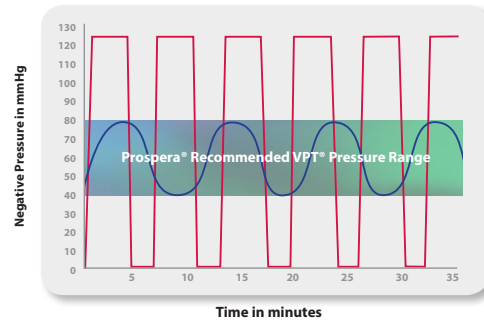
The **Advanced** NPWT Solution™

# VPT® VARIABLE PRESSURE THERAPY

Research confirms intermittent negative pressure increases blood to the wound site more effectively than continuous negative pressure and proliferation of new granulation tissue is significantly higher.<sup>2,3</sup> Until now, pumps available on the market were unable to provide practical, comfortable variable pressure therapy. Prospera® VPT® technology is engineered to deliver comfortable, massaging variable pressure therapy for best results and patient comfort.

- **Customizable time and pressure settings.**
- **Calibrated to increase and decrease in comfortable 5mmHg increments between -40mmHg and -80mmHg, providing a gentle massaging effect.**
- **Virtually eliminates painful high and low pressure spikes.** <sup>3,4,5</sup>
- **Always maintains negative pressure, never dropping to 0mmHg.**

## Variable Pressure Therapy (VPT)®\*



- Intermittent pressure levels of other brands = -125 to 0 mmHg (spike)
- VPT pressure ranges of Prospera = -80 to -40 mmHg (gradual)



### Tracking your mobile medical equipment has never been easier.

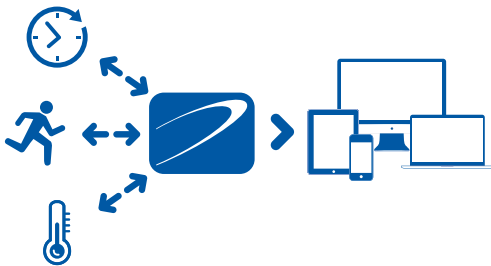
Designed as a turnkey solution: Continuum<sup>®</sup> Mobile is a hardware, software, and data solution that allows you to know where your mobile medical equipment is at all times, saving you time, money, and headaches.

Choose from a variety of smart sensors and monitor critical asset data from your very own enterprise-grade web portal. Continuum Mobile will even send notifications via text or email when alerts are triggered, such as if an enabled device has left the property or if it's traveling more than 5 mph.

- Weight: Less than 5 oz.
- Power: 6 month rechargeable battery at 4 pings/day
- Charging: Mini USB (Included)
- Communication: CDMA-1xRTT; GSM 2G and 3G
- Conformity: FCC part 15; Network Certified
- Positioning: Standalone and Assisted GPS; Accurate to 3 meters
- Alerts: Inside or outside geo-fence
- Custom Housing: Available
- Options: Temperature, runtime, geo-fencing
- GPS Production: Made in the USA



PRO-II<sup>®</sup> with GPS attached



### Enterprise-grade Web Portal

- Track your assets from anywhere in the world where an internet connection is available using our secure enterprise-grade web portal! Simply login with your username and password using your desktop, smart phone, or tablet.
- Our user friendly web portal displays detailed location history, alarm history, and critical data such as temperature, motion, run time, battery life, geo-fencing alerts, travel speed, and many other metrics.



# ADVANCING the art and science of NPWT



## APPLICATION VIDEOS

For further instructions on how to apply DeRoyal's dome connector and other specialty dressings, please visit [www.deroyal.com](http://www.deroyal.com) or subscribe to DeRoyal's YouTube channel. Below is a complete list of helpful tutorials:



Scan QR Code to  
view videos

- Application of Dressing with Dome Connector
- Application of Foam Dressing with Drain
- Application of Gauze Dressing with Dome Connector
- Continuous Pressure Therapy Mode
- Customizing Sensitivity Levels
- Operating the PRO Series Therapy Units
- PRO-II® Components and Set Up
- PRO-III® Components and Set Up
- Skin Prep
- Specialty Dressing Application - Bridge Dressing
- Specialty Dressing Application - Mushroom Dressing
- Specialty Dressing Application - Offsetting Technique
- Understanding Alarms
- Variable Pressure Therapy Mode

Thank you for your interest in DeRoyal's Negative Pressure Wound Therapy products. We share the same passion for patient comfort, wound healing, and ease of use as you do. We are confident that we can provide all the necessary tools for you to administer the best possible care for your patients. For more information, please contact your local DeRoyal Wound Care representative.



Scan QR Code  
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## † References

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2. Borquist, O., Ingemansson, R., Malmjö, M., The Influence of Low and High Pressure Levels during Negative Pressure Wound Therapy on Wound Contraction and Fluid Evacuation. *Plastic and Reconstructive Surgery*, February 2011; 127:2: 551-559
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