HYDROVEN® 12 SERIES

LymphAssist Professional™

HUNTLEIGH

A MEMBER OF THE ARJO FAMILY

Designed for patients compliance and comfort

Disruption of the Lymphatic system has severe and sometimes debilitating implications for the patient.

Lymphoedema has no cure but can be successfully managed when diagnosed and treated[1].

LymphAssist™ Professional is an advanced Intermittent Pneumatic Compression system (IPC) which has been designed to offer clinicians a multi modal treatment option to manage Lymphoedema and associated conditions.

Developed in conjunction with Manual Lymphatic Drainage (MLD) therapists, Lymphoedema specialists and Tissue Viability nurses, the LymphAssist Professional delivers a gentle and effective treatment for each of your patients.

"The Hydroven Professional is the clinicians product of choice - It offers a choice of different treatment options in one easy-to-use device."

In addition to the management of Lymphoedema, LymphAssist Professional is effective in the treatment of the following conditions when combined with an individualised monitoring program:

- Acute and chronic wound management
- Chronic venous insufficiency
- Management of Oedema

A legacy you can trust

For more than 30 years, Huntleigh has been innovating and developing products which enable clinicians to assess and manage various vascular conditions.

Today, our world class hand held Dopplers and vascular assessment systems are supported with the LymphAssist™ Professional, a 12 chamber Advanced Intermittent Pneumatic Compression system.

Advanced treatment with si

Choice of three automatic treatment profiles

LymphAssist™ Professional comprises an intelligent pump and a range of 12 chamber arm and or leg garments which can deliver three types of treatment options:

Anti-tamper and lock facility

The pressure, cycle time and treatment options are protected by a lock feature which prevents accidental adjustment of the treatment profile and is ideal for homecare applications.

Single or bi-lateral assessment

Single or bi-lateral treatment is possible by simply connecting two garments to the LymphAssist™ Professional pump. A simple 'push fit' connector ensures safe and accurate garment connection.

Flexi hose

The NEW flexi-hose allows the patient to be positioned comfortably without compromising access to system controls or indicators. The easy clean and anti-kink hose assists efficient system set up.

mple, easy to use operation

Stylish design

Modern and attractive styling fits comfortably in your home.

Graphical control panel

The graphical control panel incorporating high visibility LED displays separates the main system controls.

Garment pressure and mode is displayed on the upper display, whilst the timing and cycle information is displayed on the lower display. This efficient layout keeps both user and clinician informed of the treatment cycle.

Automatic treatment timer

The timer display indicates the remaining treatment time (mins).

Portable

Integrated carry handle aids transportation.

Choice of three automatic treatment profiles

LymphAssist™ Therapy – Exclusive to Hydroven

The unique LymphAssist™ mode replicates the basic principles of Manual Lymph Drainage (MLD). The automatic pressure and multi chamber sequencing helps to promote efficient fluid transfer through the patient's lymphatic system.

The gentle 'directional' rhythmic massaging provided by the LymphAssist™ stimulates the lymphatic vessels encouraging them to transport proteins and waste products away from affected areas.

Graduated Sequential Therapy

Graduated sequential therapy provides a controlled pressure differential between adjacent chambers in each garment. This therapy helps restore the natural hydrostatic balance of the limb being treated.

Wave Therapy

Wave therapy produces a gentle peristaltic cycle for those patients who may be unable to tolerate graduated sequential compression.

The flexibility of this 'three in one' approach provides clinicians with the confidence that treatment can be tailored to address the clinical indications and patient's needs.

The flexibility of each of the profiles allows clinicians to optimise pressure settings and treatment times delivering the most effective treatment for the patient.

Garments and inserts

The high technology 12 chamber garments incorporate overlapping internal chambers. This design ensures a more effective treatment as well as eliminating any potential internal pressure voids.

Inserts can be used to accommodate larger limbs. The overlapping chambers under the 'zip in' inserts provide total circumferential compression which assists in the effective transport of fluid.

Consistent Inward Pressure

Twelve Overlapping Chambers

Twelve Chamber Leg Garment

Twelve Chamber Arm Garment

Clinical evidence

Intermittent Pneumatic Compression (IPC) and Manual Lymph Drainage provides a synergistic enhancement of the effect of Complex Decongestive Physiotherapy (CDP).

IPC can be used safely and effectively for the treatment of patients with breast carcinoma associated Lymphoedema.

The ease of application of IPC as a long term therapeutic intervention suggest that it may warrant more widespread use in this patient population. The therapy is well tolerated and remarkably free from complications[2].

Specification

LymphAssist™ Professional – Advanced Intermittent Pneumatic Compressions System	
Order code	316XX (XX defined by country variant)
Supply voltage	100VAC to 220VAC
Supply frequency	50 – 60 Hz
Power input	38 – 77 VA
Degree of protection against electric shock	Class II, double insulated Type BF
Degree of protection against liquid ingress	IP21
Mode of operation	Continuous
Size	290mm x 250mm x 130mm (11.4 x 9.8 x 5.1")
Weight	3.8Kg (8.4lbs)
Pressure Range	LymphAssist 15 – 40 mmHg
	Sequential 15 - 120 mmHg
	Wave 15 – 100 mmHg
	All +/-5%
Cycle times	Inflation 30 - 95 sec in 5 sec increments
	Deflation - 10 - 95 sec in 5 sec increments
	Treatment time - 10 - 99 minutes or continuous (MAX 2 Hours)
Treatment Modes	LymphAssist, Gradient sequential and Wave

hydroven 12 Series Garments		
Order Code	**Description**	**Size**
	12 Chamber Leg Garments	
316L76S	Leg garment standard width	760mm (30")
316L84S	Leg garment standard width	840mm (33")
316L76W	Leg garment large width	760mm (30")
316L84W	Leg garment large width	840mm (33")
	12 Chamber Arm Garments	
316A68	Arm garment	680mm (26.75")
316A78	Arm garment	780mm (30.6")
	12 Chamber Leg Inserts	
316LI76	Leg insert	760mm (30")
316LI84	Leg insert	840mm (33")
	12 Chamber Arm Inserts	
316AI68	Arm insert	680mm (26.75")
316AI78	Arm insert	780mm (30.6")

References
1 National Lymphedema Network. Position statement of the National Lymphedema network – updated Feb, 2011.
2 Szuba A et al (2002). Decongestive lymphatic therapy for patients with breast carcinoma associated Lymphoedema. Cancer; 95 (11): 2260-2266

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

Manufactured and distributed by Huntleigh Healthcare Ltd.
35 Portmanmoor Road, Cardiff, CF24 5HN, United Kingdom
T: +44 (0)29 20485885 sales@huntleigh-diagnostics.co.uk
www.huntleigh-diagnostics.com

Registered No: 942245 England & Wales. Registered Office:
ArjoHuntleigh House, Houghton Hall Business Park, Houghton Regis, Bedfordshire, LU5 5XF
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VASCULAR ASSESSMENT AND TREATMENT

WELSH WOUND INNOVATION

We would like to express our sincere appreciation to the Welsh Wound Innovation Centre for their assistance and for allowing access to their facility and resources.

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