



Elan^{IC} Datasheet

ElanIC is the world's lightest and most compact waterproof microprocessor hydraulic ankle.

It features a **discreet, compact and lightweight design** that is **clinically proven** to give greater comfort, improved safety, a smoother gait and balanced limb loading. As well as focusing on long-term health, the **unique features** of ElanIC mean that users **don't have to compromise** on the activities they love. Featuring simple and safe induction charging technology, ElanIC is completely sealed from the elements meaning that it is waterproof (IP67), giving users **peace of mind**.



What's new?

- ✓ Waterproof (IP67)
- ✓ Induction charging
- ✓ Compact & lightweight design
- ✓ Integrated Bluetooth®
- ✓ Clinician Programming App (Android)
- ✓ Sandal Toe Foot shell



Features

- Microprocessor controlled plantar flexion and dorsiflexion
- Standing support mode increases resistance when stationary to help improve balance, stability, reduce effort and encourage a more natural posture
- Variable response to speed changes
- Increased plantar flexion resistance allow for more energy storage and return when walking quickly or up slopes
- Ankle dorsiflexion during the swing phase increases toe clearance and reduces the risk of trips and falls
- Increased dorsiflexion resistance provides a brake when walking down slopes for improved safety and stability
- Integrated rechargeable battery

Scientifically Proven Benefits

ElanIC incorporates Blatchford's award-winning biomimetic hydraulic technology which provides a range of scientifically proven* benefits:

- Increased ground clearance reducing risk of trips and falls
- Improved balance through self-alignment and standing support
- Improved control and safety on slope negotiation
- Improved kinetic gait symmetry
- Reduced loading on the residual limb
- Increased walking speed

*Clinical studies, latest research papers and full references available on our website:
<https://www.blatchford.co.uk/prosthetics/professionals/clinical-evidence/>

Technical Specification

Max User Weight	125kg
Activity Level	(2) 3 (4#)
Size Range	22-30 (sizes 25-27 available in Narrow and Wide)
Component Weight	1kg without footshell/1.24kg with footshell
Build Height	Sizes 22-26: 172mm/Sizes 27-30: 177mm
Heel Height	10mm
Range of Movement	6° PF/3° DF
Waterproof	Rated IP 67
Product Code/Number	ELANIC
Charging Type	Induction
Battery Life	Up to 48 hours [^]
Charging Time	5.5 hours
Sandal Toe Foot Shell	Yes
Warranty	36 months

Ordering Information

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
ELANIC	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-27 only. For dark tone add suffix D.

[#]Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table (see website).
[^]Dependant on activity levels and battery age.

Accessories

Alignment Wedge	940093
Inductive Battery Charger Kit	4090871C
Blatchford Programming Tablet	019179