

# Unity<sup>®</sup>

**Unity is a first-of-its-kind sleeveless vacuum system** that pulls the vacuum in the socket using the energy created by the natural motion of the prosthetic foot. Designed to accommodate all prosthetic users, the benefits of this are a lighter and simpler vacuum suspension than any other vacuum technology on the market.

#### Key Benefits of Elevated Vacuum:

- Controls volume and reduces fluctuations<sup>1,2</sup>
- Improves socket fit and enhances suspension
- Reduces pistoning and rotation<sup>3</sup>
- Promotes proper gait characteristics<sup>3</sup>
- Reduces risk of falls<sup>4</sup>

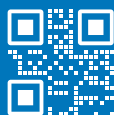
**Learn more about Unity and  
which products are Unity  
compatible today!**



1. Beil, T. L.; Street, G. M.; Covey, S. J. Interface pressure during ambulation using suction and vacuum-assisted prosthetic sockets. J. Rehabil. Res. Dev. 39(6):693–700; 2002. 2. Goswami, J.; Lynn, R.; Street, G.; Harlander, M. Walking in a vacuum-assisted socket shifts the stump fluid balance. Prosthet. Orthot. Int. 27(2):107–113; 2003. 3. Board, W. J.; Street, G. M.; Caspers, C. A comparison of trans-tibial amputee suction and vacuum socket conditions. Prosthet. ORTHOT. INT. 25(3):202–209; 2001. 4. Rosenblatt, N.J.; Ehrhardt, T. The Effect of Vacuum Assisted Socket Suspension on Prospective, Community-Based Falls by Users of Lower Limb Prostheses. Gait Posture 2017, 55, 100–103, doi:10.1016/j.gaitpost.2017.03.038.



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