

Levitation™

Levitation™ is the world's first compact and powerful bionic knee bracing technology designed to augment strength and enhance mobility. Levitation™ stores kinetic energy generated during knee flexion and restores that energy upon extension. The result is a revolutionary knee brace that not only stabilizes the joint, but also enhances strength and endurance while providing shock absorption to the most commonly injured joint in the human body.

KEY BENEFITS:

- Augments quadriceps function
- Reduces joint compression
- Provides functional stabilization
- Helps prevent injury
- Helps restore natural strength

ADDITIONAL INDICATIONS:

- Knee Osteoarthritis
- ACL/MCL injury
- Meniscal injury

KEY FEATURES:

- Spring loaded hinge
- Adjustable force-output
- Quick-release strapping
- Customizable force-response
- Instant spring disengage
- No slip suspension system
- Joint stabilization



Levitation™

The World's First Compact and Powerful Bionic Knee Brace

Levitation™ powers your knee joint and leg muscles so you can work harder, play longer, and do more than you thought possible.

ENHANCED STRENGTH

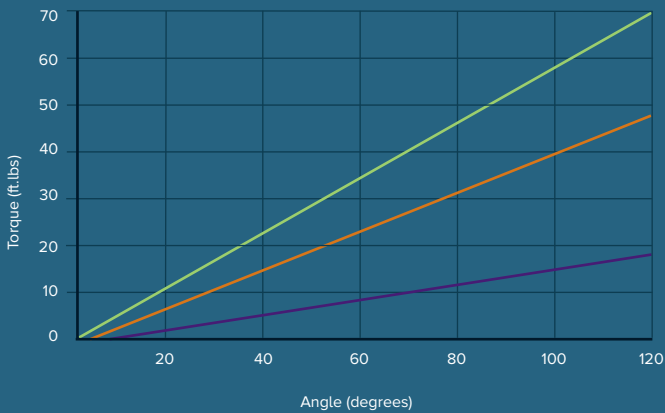
Levitation™ stores energy in a compact spring-loaded hinge mechanism as the knee is bent while weight bearing. The stored energy is released as the leg is straightened, thereby augmenting the output of the quadriceps muscles and assisting the knee extensor mechanism. The maximum force-output and range of motion assisted can be adjusted by the user or clinician as rehabilitation progresses.

REDUCED JOINT COMPRESSION

Tibiofemoral and patellofemoral joint stress increases with greater levels of knee flexion. Although weight-bearing exercise is essential for strength training and injury rehabilitation, limiting joint compression is equally important for the early regeneration and healing of connective tissues. Levitation™ is designed to function as a shock-absorption system in order to reduce joint compression while weight-bearing.

ADJUSTABLE EXTENSION ASSIST

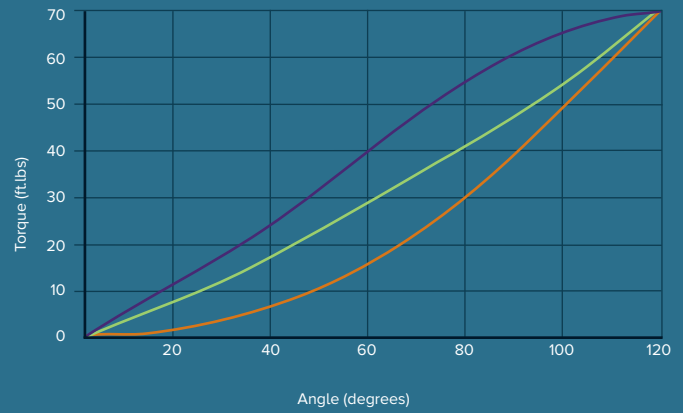
The maximum force-output can be adjusted by the user over time to meet their changing needs.



● Full Power ● Reduced Power ● Low Power

CUSTOMIZABLE FORCE RESPONSE

The shape of the force-response curve can be customized across the range of motion of the knee joint.



● All-Purpose ● Skiing ● Lift-Assist

ORDERS AND INQUIRIES:

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