

EXPECT MORE

FREEDOM
QUATTRO[™]
MICROPROCESSOR KNEE by  PROTEOR



**MORE
INTUITIVE**

**MORE
PERSONALIZED**

**MORE
ADAPTABLE**

FREEDOM
QUATTRO[™]
MICROPROCESSOR KNEE by  PROTEOR

EXPECT MORE FROM YOUR KNEE

At PROTEOR, we set out to advance microprocessor knee (MPK) technology and to engineer a knee that exceeds your expectations. The superior platform of the Freedom QUATTRO Microprocessor Knee by PROTEOR has been thoughtfully designed with safety, customization, and adaptability in mind. Our goal is to empower you to live with less interruptions and more freedom.

[Expect more.](#)



MORE INTUITIVE FOR
**ELEVATED
SECURITY AND
DEPENDABILITY**

- **QUATTRO Control Technology's** patented valve allows infinite levels of resistance for effortless transitions between activities.
- **Three hyper-responsive sensors** read body movements to react to the natural gait of each patient.
- **Stumble recovery** reacts to each situation by determining the appropriate resistance to recover more naturally.



MORE ADAPTABLE FOR
**FEWER
INTERRUPTIONS**

- **A battery life of two days plus a booster** with an additional 2 days of battery.
- **Water-resistance (IP67 rating)** for full submersion under 1 meter of water for up to 30 minutes.
- **Service is not required for three years**, and remote firmware updates.
- **Remote transmission** of 3-months of cadence and usage data.



MORE PERSONALIZED
FOR A **CUSTOM
EXPERIENCE**

- **With up to 20 modes**, allowing you to customize movement for specific activities.
- **Patients can adjust modes and settings** from their phone and knee keypad.
- **A mobile app** offers prosthetists the simplicity of programming and calibrating settings.
- **As the shortest MPK on the market**, you can choose from a wider selection of ankles and feet.



CLINICAL SUMMARY SNAPSHOT:

Functional tasks **easier to perform**
with QUATTRO



Key findings from the IRB-approved study:

QUATTRO Microprocessor Knee Allows Users to Complete Functional Tasks With Less Difficulty Than Typically Worn Microprocessor Knees

Findings



After 30 days of at-home use, subjects identified **five functional tasks as easier to complete with QUATTRO MPK compared to their typical MPK***

Compared with using their typical MPK, on average, subjects rated the following complex tasks statistically significantly easier with the QUATTRO:



Walking backward
 $p=0.038$



Kneeling on their prosthetic knee and standing
 $p=0.008$



Walking sideways
 $p=0.047$

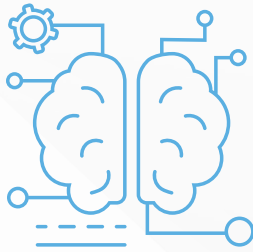


Swinging a golf club
 $p=0.038$



Walking over an obstacle of 6 inches in height
 $p=0.035$

*Subjects wore their typical foot



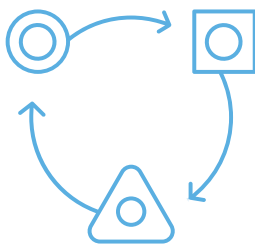
More intuitive for elevated security and dependability

With the sophisticated hyper-responsive sensors and a patented valve made to read and react to your body's biomechanics, you can trust your knee every step of the way.



More personalized for a custom experience

QUATTRO is as personalized or as simple as desired and is designed for a variety of different activities and lifestyles—including yours.



More adaptable for fewer interruptions

Up to four-day battery life, including a booster, and no service for three years allow you to live your life with less hassle.

TECH SPECS

Knee Flexion: 135°

Build Height: 8.5 in (216 mm)

User Weight Limit: 300 lbs /136 kg

Product Weight: 3.65 lbs (1655 g)

Battery Life: 2-3 days

Warranty: 36 months (2 or 3 year warranty extension available)

Part Numbers:

QUATTRO Knee: QNX0010 (Pyramid) / QNX0011 (Threaded Top)

PDAC Verified Recommended L-Codes:

L5856, L5828, L5848, L5845, L5850, L5925

ACCESSORIES

Part Description	Part Number	Included w/QUATTRO	Qty	Available/Sold Separately
QUATTRO Battery Wall Charger & Adapters	QNX0601	YES	1	YES
QUATTRO Instructions for Use (IFU)	IFU-03-014	YES	1	YES
QUATTRO Prosthetist Setup Guide	CG-03-011	YES	1	YES
QUATTRO Patient Setup Guide	CG-03-012	YES	1	YES
External Booster Battery Kit	ACC0010	NO	1	YES

