

FDETM KIDS MAX NEUROMUSCULAR

MODULAR
ENGINEERED
CARBON
SPRING SYSTEM

ADAPTS TO GROWTH

The **PDE KidsMAXTM** spring is designed for growing patients who need more support than traditional PDE KidsTM springs can provide. It bridges the gap between pediatric and adult PDE solutions, allowing clinicians to increase stiffness and performance without changing anchor systems.

This simple, alignable system provides the ability to tune energy storage and return as the patient grows and changes.

A PERFECT SOLUTION FOR

- Smaller-sized individuals (children, youths, adolescents)
- Inability to perform 10 single-leg heel raises or delayed heel rise at terminal stance
- Stance-phase gait deviations (crouch gait, genu recurvatum, knee instability) or frequent falls
- Nerve/muscle impairment below the knee
- Dorsiflexion and/or plantarflexion strength deficits
- Conditions including but not limited to: Spina Bifida, Spinal Cord Injury, Cerebral Palsy, Idiopathic Toe-Walking, heel-cord tightness, and more

Beneficial features include:

- Tri-planar stability of a custom AFO
- Reliable control and ground-reaction support



FEATURES AND BENEFITS



Modular, Reusable Design

Change and test different springs to accommodate changes in the patient over time



Adapts to Growth

Designed for larger pediatric and adolescent patients, helping bridge the gap into adult-level care. **Compatible with both pediatric and adult anchor systems**



Stabilizes Plantarflexor Weakness

Engineered spring system stores energy from heel strike through stance and returns it at push-off, ideal for plantarflexor strength deficits



5 Flex (stiffness) Spring Categories

Makes it easy to find the right option for your patient



Low Profile

Slim & unobtrusive design fits easily under clothing and into shoes



Adjustable Alignment

The PDE Shim Kits (tapered wedges) allow for fine-tuning of alignment during patient fitting, delivery, and follow-up to improve the function, performance, lifetime, and comfort of the AFO

*** Easily integrated into all brace designs (composite/thermoplastic/3D printed, etc).**



SPECS

- Length: 200mm
- Width: 26mm
- Stiffness: Categories 1 through 5
- Compatible with existing pediatric and adult anchor systems

USING THE RIGHT ANCHOR KIT?

Anchor kits are designed for specific material applications. We have created a compatibility chart so you know exactly which anchor kit to use. Scan the code to access/download.

**ACCESS &
DOWNLOAD
CHART**



		ORTHOPEDIC			NEUROMUSCULAR		KIDS MAX	KIDS		APPLICATION	
		200mm	250mm	300mm	200mm	250mm	200mm	175mm	225mm	PLASTIC	COMPOSITE
ANCHOR KITS	PAK-1	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓
	PAK2-HD	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓
	TPAK-1	✗	✗	✗	✓	✓	✓	✗	✗	✓	✗
	TPAK-2	✗	✗	✗	✓	✓	✓	✗	✗	✓	✗
	TPAK-3	✗	✗	✗	✓	✓	✓	✗	✗	✗	✓
	TPAK-4	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗
	TPAK-5	✗	✗	✗	✗	✗	✓	✓	✓	✗	✓



NEED TRAINING & ASSISTANCE?
ACCESS OUR PDE KNOWLEDGE BASE

PDE KNOWLEDGE BASE

For instructions, spring selection, and compatibility details, visit the Fabtech Knowledge Base*



fabtechsystems.com/knowledge-base/

*Under PDE™ Spring System, reference the Neuromuscular (KidsMAX™) section for relevant resources.

CONTACT US
WE'RE HERE TO HELP!



Support



Advice



Service



Information



Solution

CUSTOMERSERVICE@FABTECHSYSTEMS.COM

PHONE: 1.800.FABTECH

