What is better about the SPIDER2 Limb Positioner? How is it different?
The SPIDER2 Limb Positioner is stronger than its predecessor, in that the joints can hold more torque before slipping. Each joint behaves differently, but the smallest gain still represents a 15% improvement over the original SPIDER’s holding torques.

The SPIDER2 is lighter than its predecessor, weighing approximately 28 lb. without a battery or foot pedal, compared to 29.5 lb. for the original SPIDER.

The SPIDER2 is faster than its predecessor, in that it can move from the unlocked to locked state faster than the SPIDER. It takes less than 0.5 seconds for the SPIDER2 to go from 0 to 1800 psi, compared to 3.26 seconds for the SPIDER.

What makes the SPIDER2 easier to use than its predecessor?
• The clamp is universal for table rails, intuitively designed and simple to use.
• The SPIDER2 has several options for locking and unlocking to suit your surgical needs, including a stationary proximal setup button, a detachable foot pedal and a moveable, hand activated switch.
• The SPIDER2 is self-contained, eliminating the hoses and the need for an air source.
What does the SPIDER2 come with when purchased?
The SPIDER2 is sold with one battery, one charger and one foot pedal. Additional batteries are recommended and available for separate purchase.

Does the SPIDER2 have a warranty?
The SPIDER2 has a 12-month parts and labor warranty against manufacturing defects.

Will the SPIDER2 survive the environment?
The SPIDER2 and its accessories have been designed to survive exposure to surgical fluids as well as common cleaning and disinfecting agents at use in medical centers.

Product Characteristics

How many people are required for SPIDER2 setup?
The weight is manageable for a single person, and the SPIDER2 features a clamp interface that will require only one person for setup.

Which OR tables does the SPIDER2 work with?
The SPIDER2 can fit all OR tables without modification or adaptors.
Is the SPIDER2 compatible with other SPIDER products?
The SPIDER2 is compatible with all TENET products, kits and accessories.

What is the weight limit for the SPIDER2?
The SPIDER2 can support up to 50 lb. at full extension. Specific SPIDER2 orientations can accommodate higher loads.

**Battery**

Is the battery charged when I receive the SPIDER2?
No. The battery must be charged before first use.

What type of battery does the SPIDER2 use?
The SPIDER2 positioner uses a 24-volt nickel-cadmium (NiCd/NiCad) battery.

Why does the SPIDER2 use a NiCd battery?
NiCd batteries are more affordable than other products (e.g., lithium-ion/Li-ion), the technology is more readily available and there are fewer issues with transportation, storage and use.

What is the lifetime of the battery after it is charged?
The battery will last approximately 300 activations. It is recommended that a fully charged battery is used with the SPIDER2 for each day of surgery. This will greatly reduce any chance of the battery running out of charge.
Battery continued

How do I know when my battery is low?
The SPIDER2 features a low-battery indicator light that will flash when the battery’s output voltage has dropped below a certain point. When performance is affected by a low battery, it will manifest as a noticeable increase in the amount of required time to reach a locked and pressurized state.

What happens to the SPIDER2 when the battery starts to fail?
As the battery reaches an extreme state of depletion, the SPIDER2 will take longer to reach the internal pressure required to lock the joint. You will be able to hear and feel the motor running longer and slower. Ignoring the low battery warning runs the risk of lower locking forces with each activation. Slipping could result.

Exhausted or depleted batteries can be safely changed during a procedure.

What do I do if the battery fails and the spare battery is not charged?
Disconnect the patient’s limb from the SPIDER2 at the Piggy Back and continue the procedure with an assistant supporting the limb. Remove the battery and charge for 10 minutes. This will establish enough energy to reinstall the battery, reconnect the patient’s limb and complete most cases.

Can I store the battery on the charger?
Yes. Once the battery is fully charged, the charger enters trickle mode and keeps the battery fully charged for later use. Before placing a battery on the charger, ensure the battery charger light has turned orange.