

JUPITER - Knee joint therapy with elastic resistance



Product short description:

JUPITER has been designed to operate using elastic resistance elements in the comprehensive rehabilitation of the knee joint. It allows flexion and extension movements with progressive resistance, ideal for neurological, orthopedic, and sports rehabilitation.

Product gallery:



Product description:

JUPITER - Open kinematic chain

JUPITER has been designed to operate using elastic resistance elements in the comprehensive rehabilitation of the knee joint.

The device enables flexion and extension movements in an open kinematic chain. The key advantage of elastic resistance elements is generating a slight resistance in the initial phase of movement, evenly increasing in subsequent phases of the exercise.

Due to these properties, JUPITER is particularly useful in post-traumatic, post-surgical, orthopedic, and neurological rehabilitation, as well as sports rehabilitation, rheumatology, and geriatrics. As part of the ACX.rehab concept, it uses dedicated software that keeps the patient aware of progress and challenges, significantly improving motivation.

Features:

Measurement of the range of motion (ROM).

Measurement of the generated power.

Dynamic and isometric exercises.

Exercises with integrated real-time biofeedback.

Complete objectification of the rehabilitation process.

Adaptation of the exercise difficulty level to the current needs of the patient.

Benefits:

- Increased range of motion through controlled active movements
- Increased muscle strength and endurance
- Improved stabilization of joints through proprioceptive reeducation
- Enhanced muscle coordination

Standard & Optional Configurations:

18.166.116 Set of accessories for JUPITER as single station:

- Stand for patient with 43" TV
- Stand for therapist: 22" touch screen monitor, PC, keyboard

18.166.117 Set of accessories for JUPITER with therapist workstation:

- Stand for patient with 43" TV, PC, and keyboard

18.166.115 Therapist workstation:

- Mobile stand with 22" monitor, PC, keyboard, and Wi-Fi router

Technical Data:

Dimensions (L x W x H) [mm]:	1400 x 950 x 1400
Weight [kg]:	120
Maximum patient weight [kg]:	150

Product codes:

Reference: PROD-JUPITER

EAN13: -

UPC: -

Product features:

Weight [kg]: 120
Medical device: Yes
Biofeedback: Yes
Concept compatibility: ACX.rehab
Type of therapy: Knee joint therapy with elastic resistance
Kinematic chain: Open
Supported movements: Flexion / extension
Dimensions (L x W x H) [mm]: 1400 x 950 x 1400
Max. patient weight [kg]: 150

Product attributes: