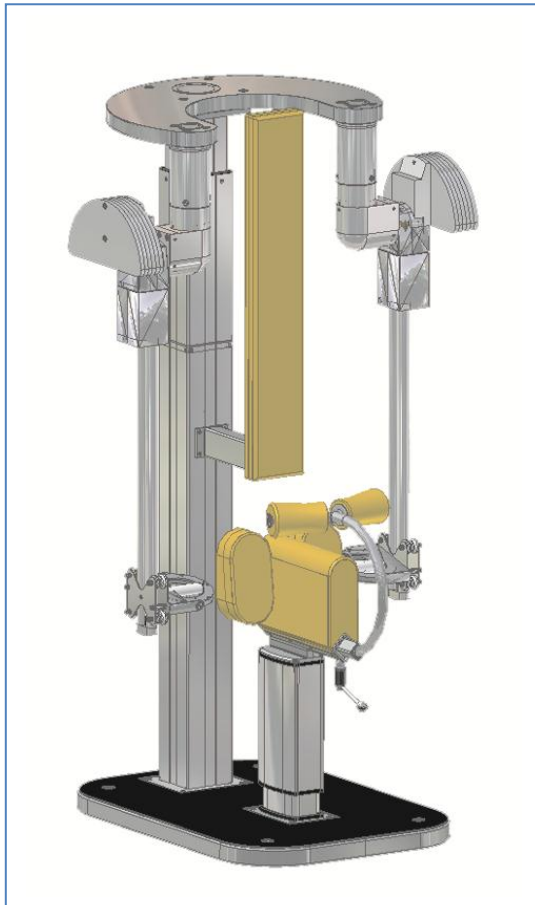


CTT Ikarus Product Presentation



Product Information Ikarus



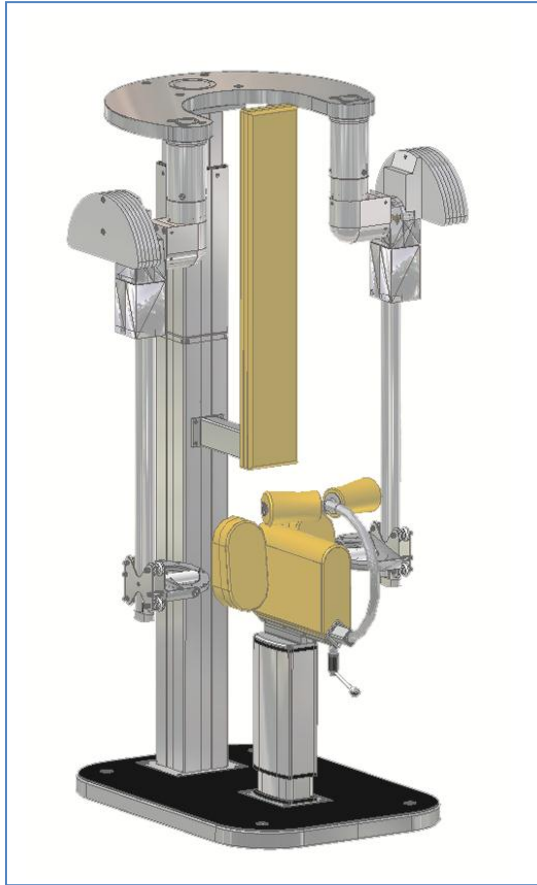
CTT Ikarus

The measuring and movement simulator system for the test and training of the shoulder joint.

Movement simulation according to nature's example

The shoulder joint is the most flexible ball joint of the human body. It can move on its axle in three different directions. It is primarily secured by muscles; therefore its mobility is hardly restricted by the skeletal structure. The computer-supported test and training device (CTT) Ikarus follows these parameters. It is a three-dimensional measuring and movement simulator for the test and training of the shoulder joint drives.

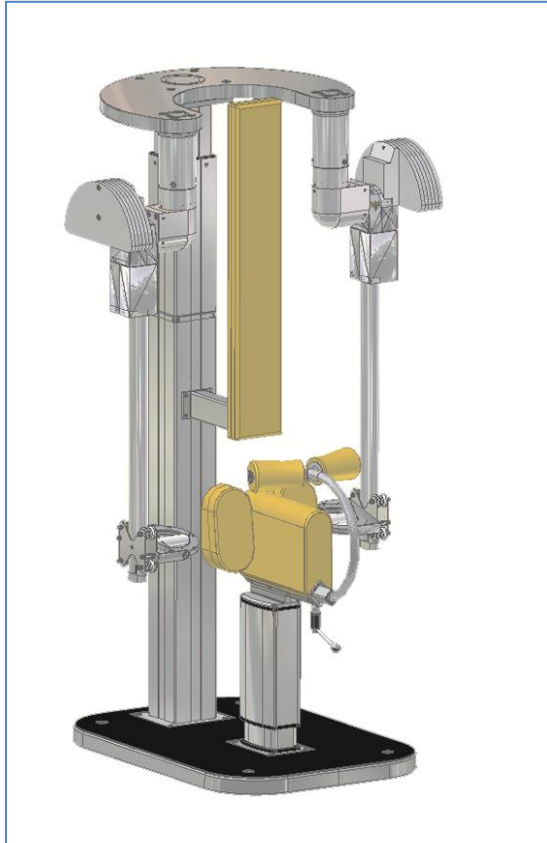
Product Information CTT Ikarus



Diagnosis and treatment of the shoulder joint drives: CTT IKARUS with BioMC Software

- Measurement of the range of motion of the shoulder joints (left/right, simultaneously or consecutively) in the different anatomic planes
- Measurement of the exertion of strength of the musculature of the shoulder in any measuring position of the anatomic planes of the shoulder joints. Any specific measuring point is exactly reproducible. The measuring position can be locked, the measured values (of the chosen effective directions) are stored and displayed as polar (radar) charts

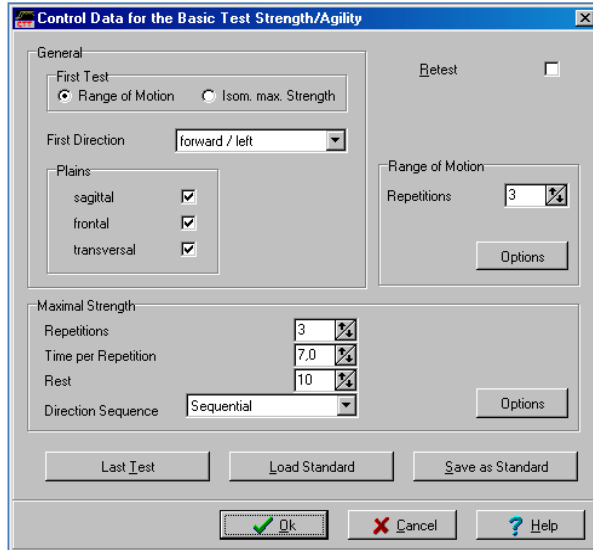
Product Information CTT Ikarus



CTT Ikarus with BioMC Software

- Execution of a specific training (treatment) of the sensomotor systems of the shoulder joints under isometric and auxotonic working conditions. The training aims at reducing existing muscular imbalances and deficits and at restoring and improving the natural range of motion and resilience of the shoulder
- Networking of the device and storage of data for an efficient execution of tests and training

BioMC for CTT Ikarus



Application software BioMC for Ikarus

1. Device Control

- Test Isometric Maximum Strength for the diagnosis of imbalances and deficits in every arbitrary measurement point the anatomical main planes and left/right comparison
- Test Range of Motion for the diagnosis of imbalances and deficits in the anatomic main planes and left/right comparison
- Isometric strength and auxotonic movement training with template curve

2. Operator Management

- Password protected patient data with variable operator rights for different operator groups

BioMC for CTT Ikarus

Enter Data for a new Patient

Patient | Address | Additional Information | Treatment

Patient

Patient Number

Name: Mustermann | First Name: Max

Date of Birth: 12.03.1968 | Place of Birth: | Sex: Male Female

Height [cm]: 170 | Weight [kg]: 70.00

Password: | Password Confirmation: |

Save | New Patient

Close | Help

Application software BioMC for Ikarus

3. Patient Management

- Definite assignment of diagnosis and therapy data
- Comprehensive management of anthropometric and general data

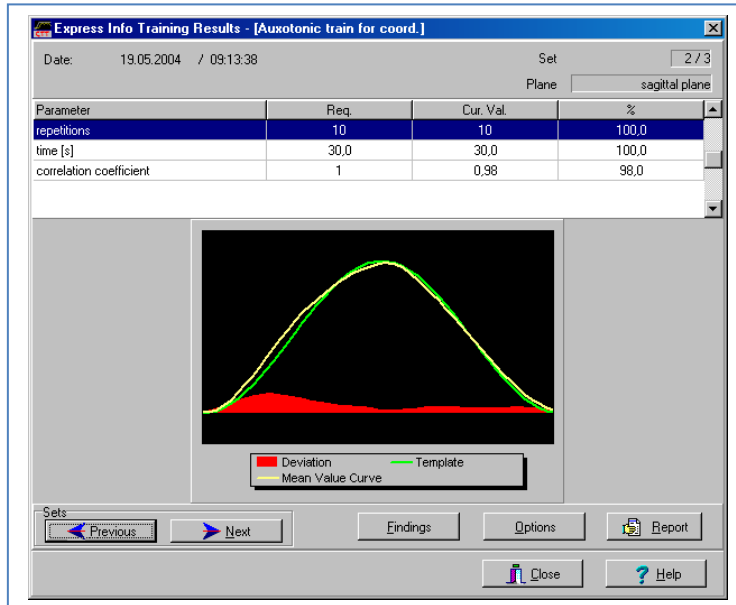
4. Treatment Management

- Management of different treatments including a clear overview for cost documentation

5. Hardcopy Reports

- Adjustable diagnosis and therapy reports on paper for documentation and archiving

BioMC for CTT Ikarus



Application Software BioMC

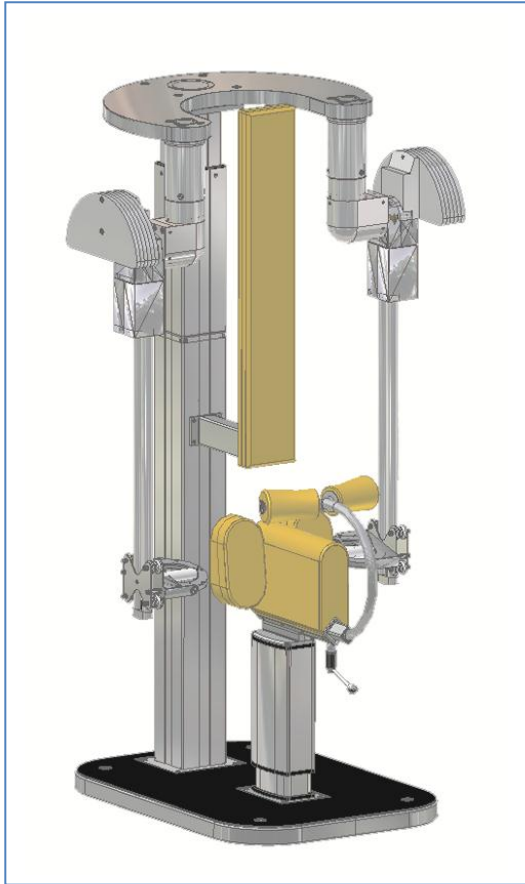
6. Pretest/Posttest Comparison

- Therapy success clearly visible (result presentation and documentation)

7. Training progress

- Therapy progress clearly represented

Product Specifications CTT Ikarus



Dimensions and Weight

- Width: 1.20 m
- Depth: 1.00 m
- Height: 2.10 m
- Weight: 210 kg

