

**B**FMC

**BIOFEEDBACK  
MOTOR CONTROL  
GmbH**

ATLAS

Product Information

# ATLAS



## Balance Platform Atlas

The combination of balance platform and knee bend ergometer

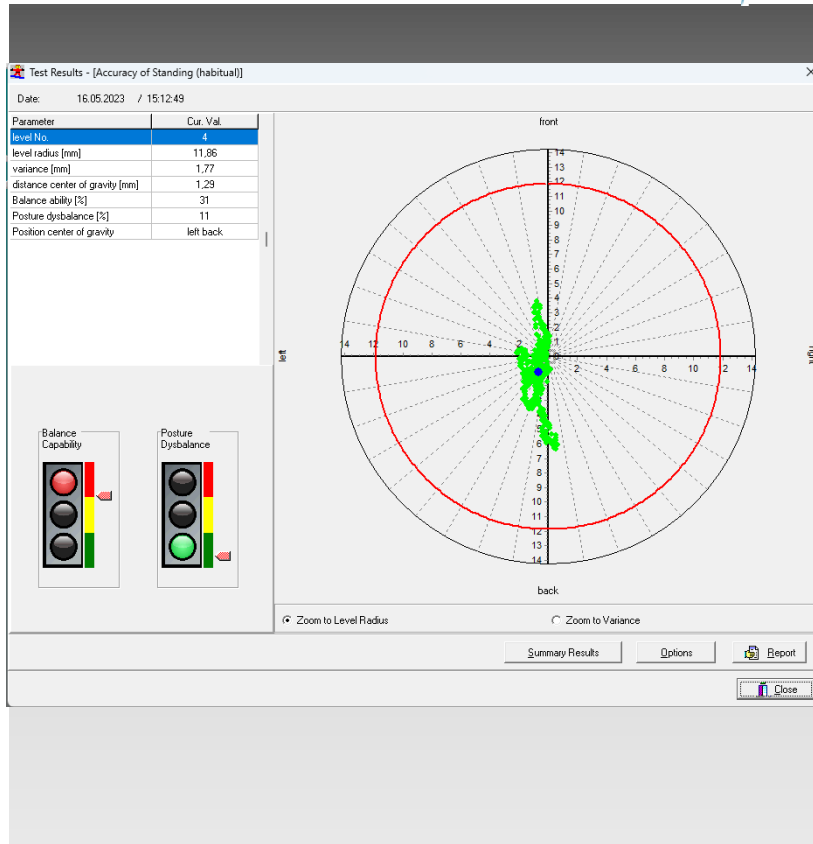
## Healthy well-being needs balance

Coordinative skills are essential for overall physical performance. Uneven distribution of body weight on the legs can lead to poor posture and increased joint wear. Good posture can be learned intentionally.



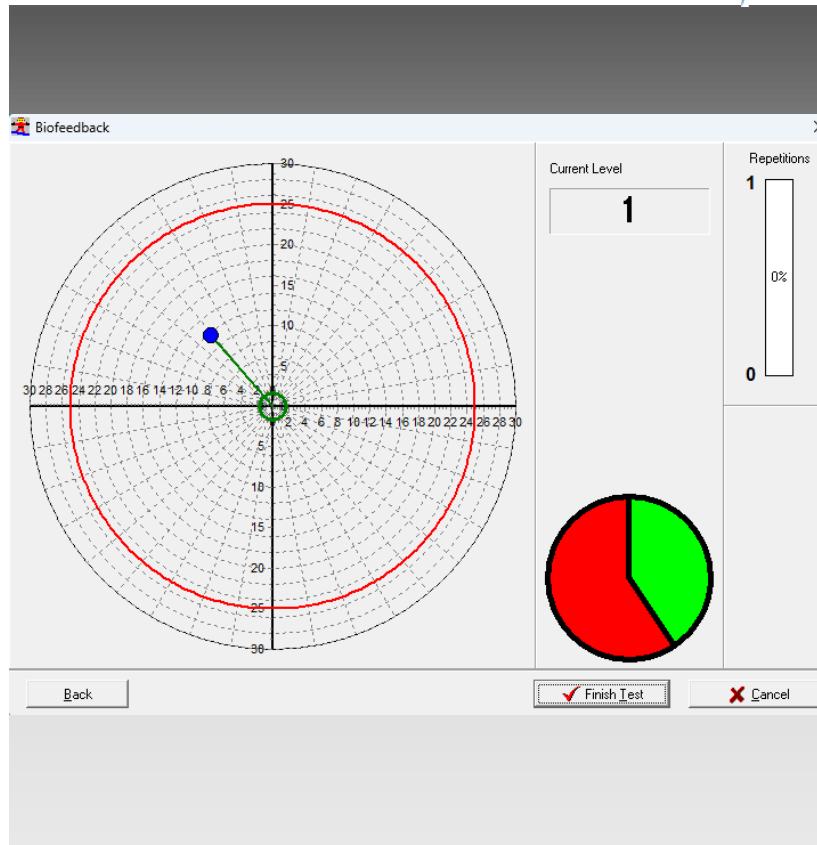
## Coordinate and correct

- Determining the load distribution of the body weight on the legs
- Early detection of the causes of possible later postural defects and increased joint wear in the knee, hip, spine
- Balance tests that allows conclusions to be drawn about the control performance of the sensorimotor system involved
- Various training programmes: Even load on both legs when standing; conscious control of the body's centre of gravity; strength endurance biofeedback training of the foot, knee and hip motor functions (knee bend ergometer).



## Tests and trainings according to specific procedures

- Left-right balance test: The result shows the weight distribution and existing imbalances.
- Test accuracy of upright standing: The result shows the level reached (ideally always level 12) and the balance performance, centre of gravity stability, postural imbalance and the position of the centre of gravity in this level.
- Range of motion test: The test result shows the depth of the knee bend.
- Training centre of gravity shift
- Training with target curve (squat)



## BioMC application software for Atlas

### 1. Device control

- Test of the weight distribution on both sides of the body and the deviation of the centre of gravity from the centre of the body for the diagnosis of body malpositions and for the prognosis of falls.
- Multi-stage test to test concentration and strengthen body awareness  
Knee bending ergometer to determine condition  
Training of centre of gravity shift and knee bend for fall prevention

### 2. User administration

- Password protection of patient data through different rights for different user groups

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Enter Data for a new Trainee

Trainee | Address | Additional Information | Training Section

Name: Standard

Injured side: none

Chief Trainer:

Fitness Level:

Date of Injury: .. Date of Operation: .. Started on: 15.05.2023 Finished on: ..

Initial Condition:

Goal:

Save New Trainee

Close

## BioMC application software for Atlas

### 3. Subject management

- Clear allocation of test and training data
- Extensive administration of anthropometric and general data

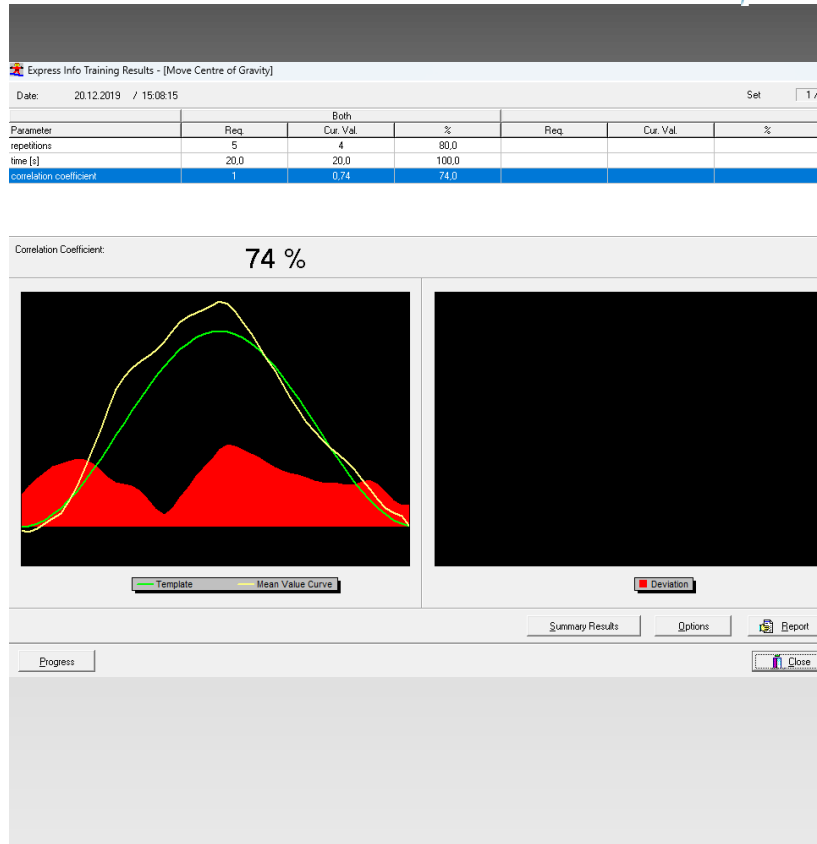
### 4. Training administration

- Administration of different treatments with overview plan for submission to the cost unit

### 5. Reports

- Configurable test and training reports in paper form for documentation purposes

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## BioMC application software for Atlas

### 6. Initial/final test comparison

- Training successes at a glance (presentation of results and documentation of results)

### 7. training history

- Process clearly presented

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## Atlas Product Specifications

### Dimensions and Weight

Width: 55 cm

Depth: 55 cm

Height: 6,5 cm

Weight: 13,5 kg