

Movements and range of motion:

- Abduction/adduction with fixed rotation: from 20° to 160°.
- Abduction/adduction with synchronised rotation.
Combined range from 20° to 160° of abduction with 30° of internal rotation to 90° of external rotation.
- Rotation with fixed abduction: from 60° Internal to 90° External
- Flexion/extension: 20° - 180°
- Horizontal abduction/adduction: from -30° to 110°.
- Elbow flexion/extension: from -10° to 135° (with fixed pronosupination).

Technical data:

- Patient sizing: from 1.4 to 2m.
- Maximum user weight: 130kgs.
- Load reverse ensures patient protection when excessive force is exerted on the joint.
- Adjustment of the inversion force: 6 levels.
- Possibility to block the adjustment of the parameters.
- Resetting of the parameters when changing of the movement, to allow an incompatible range of motion with the patient condition.
- Automatic movement (continuous) or manual.
- Function detection of the maximum patient range of motion (manual mode or By-Pass mode).
- Adjustment of the session time: from 1 minute to 24 hours.
- Pause in movement limit: from 1 second to 15 minutes.
- Adjustment of the speed from 50 to 140° per minute (5 levels).
- Possibility of customisation and storage of 16 rehabilitation programs.
- Dimensions: 56cm x 100cm x 76cm (variable height).
- Voltage: from 100 to 240Volts 50/60Hz.
- Electrical power: 50 VA.
- Warranty: 2 years.



Centura

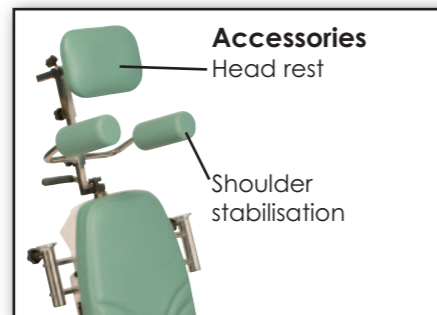


Ordering Information

Kinetec Centura 46210030
Kinetec Centura 5 46210035
Kinetec B&W 46210036
Kinetec C.E.M. 46210038
3-Years Warranty extension . 46EXTGAR3E

Accessories:

Head rest 4670024551
Shoulder stabilisation. 4670024569
DVD • Case study 4696200234



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Centura Environment
Shoulder & Elbow
CPM Machine



Centura

The Centura Environment allows the early installation of a program of rehabilitation, by exercises of variable range of motion of the movement which contribute to relieve the articular stiffness, diminishes the soft tissues and the muscular atrophy in the goal of a recovery of the required maximum articular range of motion.

The Centura Environment is made up of 4 complementary and flexible machines making it possible to cover the most important movements of the shoulder and the elbow:

| Movements | Centura | Centura 5 | C.E.M | Centura B&W |
|--|---------|-----------|-------|-------------|
| Abduction/Adduction | • | • | | • |
| Abduction/Adduction with synchronised rotation | • | • | | |
| Shoulder Rotation | • | • | | |
| Shoulder Flexion/Extension | • | • | | • |
| Horizontal Abduction | | • | | |
| Elbow Flexion/Extension | | | • | |

The Kinetec Centura machines have an ergonomic and autonomous remote control with a visual feedback, allowing the adjustment of the different parameters of the rehabilitation movement.



Anatomical Shoulder & Elbow CPM Machine



DVD – Case Study

Treatment of a rotator cuff tear
Dr Willems – Orthopaedics Surgeon
M. Desaldeleer – Physical Therapist

Clinical Advantages

- Breaks the cycle of trauma leading to inflammation and loss of ROM.
- Prevents joint stiffness.
- Speeds the recovery of post-op ROM.
- Maintains the quality of the articular surface.
- Reduces pain and oedema.
- Diminishes the need for pain medication.
- Reduces hospitalisation time.
- Decreases the cost of rehabilitation.

Indications

- Rotator cuff repair.
- Total shoulder replacement.
- Fractures and dislocations requiring reconstructive surgery of the clavicle, scapula, AC joint or glenohumeral joint.
- Capsulotomy.
- Acromioplasty.
- Burn.
- Intra-articular fractures of the Elbow with O.R.I.F.
- Arthrolysis for post-traumatic stiffness with limitation of elbow joint motion.
- Release for extra-articular adhesions.
- Prosthetic Elbow joint replacement.
- Synovectomy of the Elbow.

Quality and number of movements

Synchronisation System

Flexible and evolutionary Machine

Kinetec Centura B&W Shoulder CPM Unit

This version of the KINETEC Centura allows the early mobilisation of the shoulder into immediate post-operative.

Easy to use, it can be coupled to any current available bed or wheelchair on the market.

This CPM Machine features a maximum arc of movement of 110° with an adjustment of the angular range allowing to adapt to the position of the patient.



Controlled and precise movements.

