



# **FISIOTEK 2000**

*The passive rehabilitation of the lower limb*

## WHY CHOOSE FISIOTEK HP 2?

- Because it allows all the movements for each joint to be made
- Because the extension of the movement comprises the entire physiological range
- Because it can be used both with the patient sitting and lying down
- Because it allows the patient to be positioned easily
- Because its versatility allows you to work on the three main joints of the upper limb; shoulder, elbow and wrist
- Because it is stable and precise
- Because it is used with the Memory Card

### Adduction-abduction of the shoulder



## WHAT IS THE MEMORY CARD?

It is a card with an incorporated microchip that can be inserted and removed from the instrument. It acts as mobile memory. The operational data of the instrument for each individual patient is automatically stored on it.

This makes instrument preparation easier and faster following the first rehabilitation session for subsequent sessions.

Fisiotek HP 2 also has a function defined as "Warm-up", which has the purpose of warming up the treated joint through several movement cycles having a work angle less than the one reached during the previous session.

### Elevation of the shoulder with the patient in supine position



### Elevation of the shoulder with the patient sitting down



## WHEN IS FISIOTEK HP 2 USED?

### SURGICAL PATHOLOGIES

- Arthroscopy for calcific tendinitis
- Acromioplasty
- Long head of biceps tenotomy + acromioplasty
- Acromioplasty + tenotomy of the supraspinal
- Arthroscopy for supraspinal injury + acromioplasty
- Surface operation for long head of biceps tenodesis and supraspinal repair
- Surface operation for long head of biceps + supraspinal reconstruction
- Synovectomy, bursectomy, arthroscopic acromioplasty

### NON-SURGICAL PATHOLOGIES

- Brachial nerve injury
- Humerus fracture
- Rotator cuff tendopathies
- Fracture of the trochanters
- Calcific tendopathies
- Impingement from subacromial conflict
- Rotator cuff injury
- Arthrosis
- Contusive traumas of the rotator cuff
- Capsuloligamentary hyperlaxity
- Adhesive capsulitis

Rotation of the shoulder



Prono-supination of the elbow



Flexo-extension of the elbow



Deviation of the wrist



## TECHNICAL FEATURES

### Movements carried out on the shoulder:

- Elevation  $5^{\circ} \div 180^{\circ}$
- Adduction-abduction  $35^{\circ} \div 150^{\circ}$
- Internal-external rotation  $90^{\circ} \div 0^{\circ} \div 90^{\circ}$

### Movements carried out on the elbow:

- Flexo-extension  $0^{\circ} \div 150^{\circ}$
- Prono-supination  $90^{\circ} \div 0^{\circ} \div 90^{\circ}$

### Movements carried out on the wrist:

- Flexo-extension  $80^{\circ} \div 0^{\circ} \div 80^{\circ}$
- Ulnar and radial deviation  $20^{\circ} \div 0^{\circ} \div 30^{\circ}$

### Programmable functions:

- Speed in both directions: min.  $1^{\circ}/\text{sec.}$  max.  $3,5^{\circ}/\text{sec.}$
- Work time
- Automatic increase of the breadth of movement on both limits
- Pause in both limits of movement
- Warm-up cycles

### Technical specifications:

- Power supply:  $85 \div 260 \text{ V} \sim 50 \div 60 \text{ Hz.}$
- Electric safety: Class 1 B Standard EN 60601-1
- Electromagnetic compatibility: Group 1 Class B Standard EN 60601-1-2
- Classification according to EEC Directive 93/42: Class IIa
- Weight: 77 Kg.

The instrument is compliant with to applicable Basic Requirements for safety, Health and protection established by EEC Directive 93/42.



Flexo-extension of the wrist



# The Accessories

Fisiotek HP2 in its base model allows to rehabilitate the shoulder.

The complete set of accessories includes the accessories to rehabilitate the elbow and the wrist

**Adjustable rod for arm support**



**Fixed elbow support**



**Handgrip for prono-supination of the elbow**



**Trolley for accessories**



**Support for ulnar and radial deviation of the wrist**



**Handgrip for flexion-extension of the wrist**



**Fixed wrist support**



**Handgrip for flexion-extension of the wrist**



## Export Team

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