



Single backrest (buttock)



Double backrest



(L) Box dimensions: **135 x 95 x 71 cm** Weight: **+36 kg**



(S) Box dimensions: **80 x 80 x 135 cm** Weight: **+16 kg**

## How it works:

The patient exercises lower limbs synchronically with levers moved by hands through a special mechanism. The PIO apparatus stabilises the patient in the correct position. Provides necessary weight bearing important for proper movement of the hips, knees and tarsal joints which promotes synchronised movements simulating natural gait.

Combines passive exercising of lower limbs with active exercising of the upper limbs and body with nearly natural load put on the muscular and skeletal system.

## Technical data:

	PIO for children (S)	PIO for adults (L)
Timer [min]:	1-59	1-59
Range of motion of lower limbs [°]:	max. ± 18 from vertical	max. ± 20 from vertical
Height of patient [cm]:	110-140	165-190
Max. weight of patient [kg]:	90	95
Colour of upholstery:	terracotta	blue or black
Dimensions (L x W x H) [mm]:	950 x 664 x 980	1060 x 760 x 1545 (single) 1220 x 760 x 1657 (double)
Power supply [V]:	battery 3V type Cr2032	battery 3V type Cr2032
Weight [kg]:	41 49 (with lateral and thoracic support)	55 (single backrest) 61 (double backrest)
Range of height adjustment of feet rest [mm]:		223
Range of adjustment of knee holder [mm]:		142
Range of handle adjustment [mm]:		272
Range of buttock rest adjustment (horizontal) [mm]:		122
Range of back rest adjustment (in version with double back rest) [mm]:		221

**PIO** is a device which enables performing of comprehensive exercises in upright position.

It is designed:

- for rehabilitation wards
- for home use

Comfort of exercise performing increase:

- Electronic timer-counter showing time of exercise and number of steps; acoustic alarm goes off if the exercise exceeds present time
- A shelf for portable music and video players, newspapers or books
- Comfortable backrest

## Advantages of using PIO:

- Promotes upright position
- Increases breath capacity
- Stimulates circulatory system
- Prevents urinary system infections (helps to remove sediments in urinary tract)
- Provides dynamic load to osteoarticular system (e.g. lessens the risk of osteoporosis)
- Prevents muscle contracture and arthrosis

## PIO (L) versions:

- with single backrest (buttock)
- with double backrest

## Suggested exercise time:

minimum 2 times a day for 15 to 30 minutes