

CPM FLEXIEE Series

Continuous passive motion

[SINCE 2001]



CPM FLEXIEE 2.1

[KNEE CPM]

CPM FLEXIEE 4.0

[SHOULDER CPM]



PRINCIPLE COMPONENTS

| Product components | Features |
|---|--|
|  | <ul style="list-style-type: none"> -High torque for its size -Low operating noise -High efficiency and dynamic acceleration |
|  | <ul style="list-style-type: none"> -Excellent repeatability -Low operating noise -Smooth running and good backlash |
|  | <ul style="list-style-type: none"> -High performance for alignment -Low operating noise |
|  | <ul style="list-style-type: none"> -Low operating noise -High load carrying capacity -High positioning quality |
|  | <ul style="list-style-type: none"> -High quality plastic gear -Low operating noise -Smooth running and light weight |

CPM FLEXIEE use components proven for more than a decade to maintain product quality and performance.

Key-operation features

FLEXIEE series has the same key-operation process. Handy controller has the general function keys. Control panel on the main body has the special function keys.



Handy controller of the FLEXIEE series



Control panel of the FLEXIEE series main body

CPM FLEXIEE™ 2.1 (KNEE CPM)

Model : RCF1121

Flexiee 2.1 is developed and manufactured by accumulated 15years technology of CARE TECH co. ltd. Verified performance and quality have faithfully maintained and have improved the usability and user convenience.



The FLEXIEE 2.1 has wide bending exercise angle, compact size, convenience mobility, simple user interface. The FLEXIEE 2.1 is suitable for a limited space as well as rental business.



Compact length of the FLEXIEE 2.1 makes you install easily in the short space also.

CPM FLEXIEE™ 4.0 (Shoulder CPM)

Model : RCF1251



FLEXIEE 4.0 is the product focusing on primary performance and on increment of durability by studying the demand of customers for a long time.

A user can exercise left/right arm without any operation and can adjust the height of the CPM to himself with a simple button operation.

This innovative function can increase the rehabilitation effect by adjusting the joint of CPM to human body correctly.



- 1 Left/right arm rehabilitation is available without additional operation.
- 2 CPM height can be adjusted by simple switch operation
- 3 Elbow angle is adjustable with simple resetting of arm link.

SPECIAL FEATURES

CPM FLEXIEE 2.1 [KNEE CPM]

| | |
|---------------------------|------------------|
| Adjustable leg length(cm) | 25~45 ± 2(Femur) |
| | 38~56 ± 2(Tibia) |
| Width | 34.7 ± 1% |
| Length | 88.6 ± 1% |
| Mode | 4 mode |
| ROM(range of motion) | -5~140° (± 5°) |
| Speed (deg/min) | 7 STEP |
| Weight (kgf) | 12 |
| Timer (min) | 0~60 |

CPM FLEXIEE 4.0 [SHOULDER CPM]

| | |
|----------------------|-------------------|
| Dimension(cm) | 39x48 |
| Height Range(cm) | 80~125 |
| Mode | 4 mode |
| ROM(range of motion) | 20° ~180° (± 10°) |
| Speed (deg/min) | 7 STEP |
| Weight (kgf) | 19 |
| Timer (min) | 0~60 |

CPM FLEXIEE 2.1 [KNEE CPM]

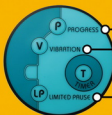


CPM FLEXIEE 4.0 [SHOULDER CPM]



CONSUMABLE PART

SPECIAL FEATURES



This is the function that increase the exercise range gradually. If the time is remain 11min. Ext is 10° and FLX is 100°, during first 5min, the CPM moves between 20~90°, and during next 5min, moves between 15~95°, finally during last 1min, moves between 10~100. This function is not available under 6min.
If press the button 'P', the letter 'P' appears on the LCD window and the progress function is activated. If press again, the function is deactivated.

This is the function for reciprocating motion of three times within short range(3°). If Ext is 10 and FLX is 100, CPM moves back and forth on three times at 7~10° and 97~100°. If press the button 'V', the letter 'V' appears on the LCD window and the vibration function is activated. If press again, the function is deactivated.

This is the function to pause the motion for 5 seconds at the set angle. If EXT is 10 and FLX is 100, CPM stop temporarily for 5seconds at 10° and 100°. If press the button 'LP', the letter 'L' appears on the LCD window and the limited pause function is activated. If press again, the function is deactivated.



CARE TECH

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CPM(Continuous Passive Motion) device is used in the rehabilitation treatment after a surgical joint operation. With accumulated experience since 2001, CareTech co., ltd. has developed CPM devices reflecting a demand of hospitals and personal users on. The main components used in FLEXIEE are verified ones over 10-years in terms of quality and performance. Our FLEXIEE series will give you a satisfaction in term of durability, performance, A/S, follow-up management.