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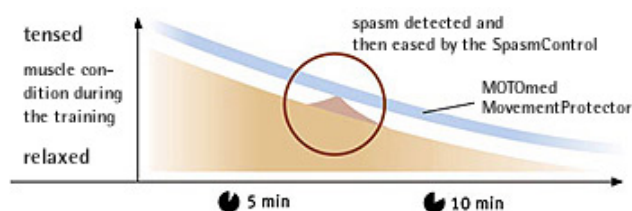
MOTomed viva1

4 MovementProtector and SpasmControl with automatic direction change

if sudden spasms occur

A sudden spasm occurs. The muscles cramp immediately and any movement is blocked.

This type of spasm can be detected by the MOTomed MovementProtector and relieved by the MOTomed SpasmControl with automatic direction change.



The MOTomed MovementProtector

monitors the muscle condition throughout the training and stops the MOTomed at the slightest sign of a cramp or spasm. This is what is really special about the MOTomed: regardless of how the basic muscle tone changes, the MOTomed MovementProtector adjusts to the changing muscle condition and it is therefore always optimally sensitive.

The machine stops immediately if a sudden spasm occurs, and the MOTomed SpasmControl can then ease the muscle contraction.

The SpasmControl with automatic direction change

works according to the following therapeutic principle: A bending spasm is relieved by stretching and a stretching spasm is relieved by bending. Any spasm is recognized by the MovementProtector and the SpasmControl with automatic direction change can then ease it in the following way: The motor stops gently and after a pause, the direction smoothly changes. This process is repeated until the spasm is relieved.

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