

Technical Manual



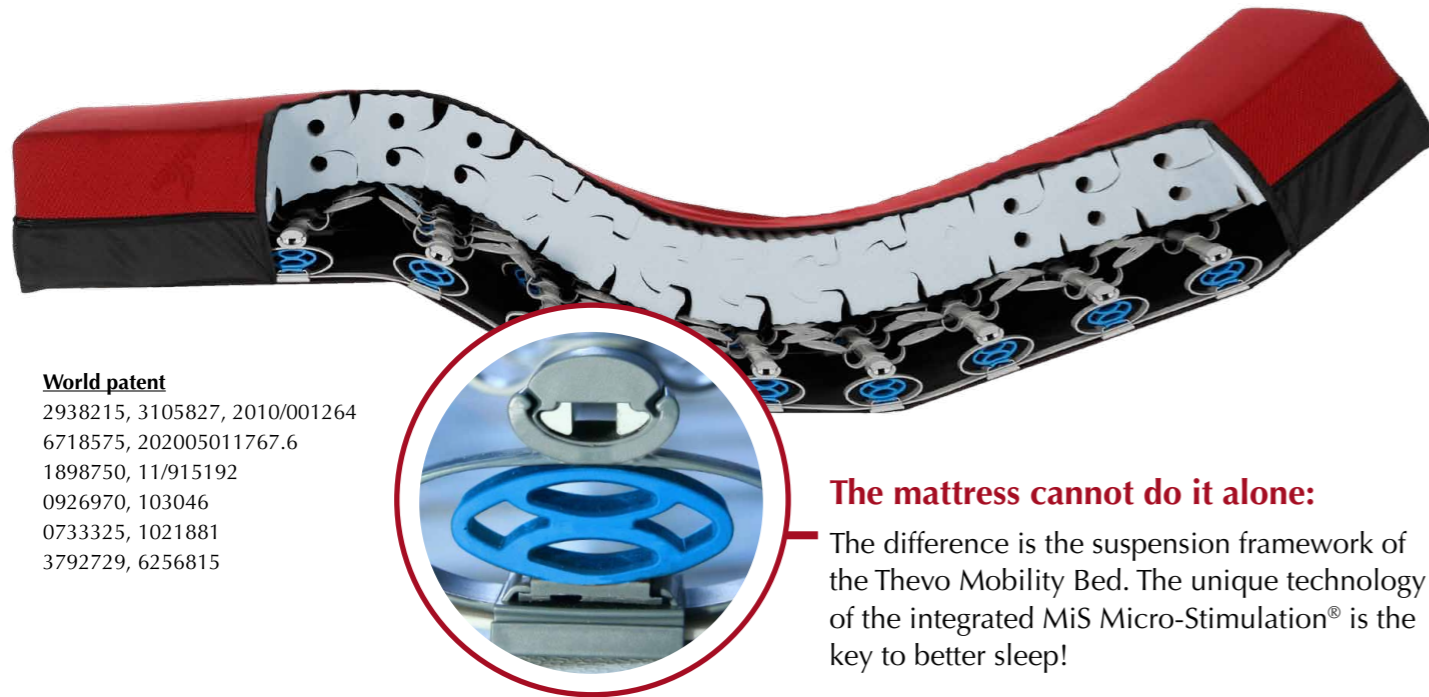
Thevo - Mobility Bed

Technical Manual



Thevo Mobility Beds keep your brain fit!

The Thevo Mobility Beds automatically convey the slightest movement of the person - even breathing - into micro-sized counter movements. This MiS Micro-Stimulation® provides the patient with improved body perception, promotes blood flow, and supports mobility – keys to restorative sleep. This is especially important for patients with advanced age, and those with special needs.



World patent
2938215, 3105827, 2010/001264
6718575, 202005011767.6
1898750, 11/915192
0926970, 103046
0733325, 1021881
3792729, 6256815

The mattress cannot do it alone:

The difference is the suspension framework of the Thevo Mobility Bed. The unique technology of the integrated MiS Micro-Stimulation® is the key to better sleep!

ThevoVital - Dementia Mattress

ThevoVital is designed to improve quality of sleep, especially for people with dementia. Wing suspensions adapt individually to the body zones, MIS Micro-Stimulation® improves body perception. The firm density foam of the mattress provides a secure feeling when lying.

| Sizes ThevoVital | | Hospital size 35.4 x 78.7 x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 190 x 19 cm |
|------------------|--|---|--|
| Inco. Cover | ThevoVital 80 (up to 176.4 lbs) ThevoVital 80 (up to 80 kg) | 62831 | 62832 |
| | ThevoVital 140 (176.4 to 308.6 lbs) ThevoVital 140 (80 to 140 kg) | 62851 | 62852 |
| Jersey Cover | ThevoVital 80 (up to 176.4 lbs) ThevoVital 80 (up to 80 kg) | 62821 | 62822 |
| | ThevoVital 140 (176.4 to 308.6 lbs) ThevoVital 140 (80 to 140 kg) | 62841 | 62842 |
| Accessories | Storing and transportation bag | 64300 | |
| | Inco. Cover | 62571 | 62572 |
| | Jersey Cover | 62561 | 62562 |

| |
|---------------------------------|
| Mattress Weight |
| about 16 - 22 kg / 35 - 49 lbs* |
| Mattress Height |
| 19 cm / 7.5" |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover | |
|--|-----------------------|--|
| • washable up to 65 °C (149 °F) | Cover top side | 64% polyester, 36% polyurethane |
| • to be cleaned by wiping disinfection | Cover bottom side | 100% polyester |
| • suitable for tumble dryers | | |
| Cleaning recommendations Jersey Cover | Material Jersey Cover | |
| • washable up to 65 °C (149 °F) | Cover top side | 40% modacryl, 25% polyester, 35% polyamide |
| • suitable for tumble dryers | Cover bottom side | 100% polyester |
| Cleaning recommendations Mattress | Material Mattress | |
| • autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core | PUR-foam |
| | Tricot | 100% polyester |



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ThevoCalm - Parkinson's Care

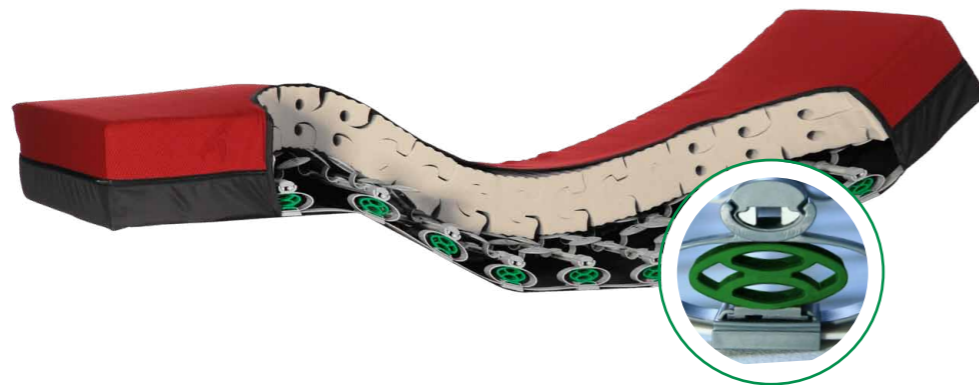
ThevoCalm was designed to support movement sequences and optimize the sleep behavior of persons with Parkinson's Disease. ThevoCalm offers a firm surface for lying to support mobility.

| Sizes ThevoCalm | | Hospital size 35.4 x 78.7 x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 190 x 19 cm | Mattress Weight |
|-----------------|--|---|--|---------------------------------|
| Inco. Cover | ThevoCalm 80 (up to 176.4 lbs) ThevoCalm 80 (up to 80 kg) | 67100 | 67104 | about 16 - 22 kg / 35 - 49 lbs* |
| | ThevoCalm 140 (176.4 to 308.6 lbs) ThevoCalm 140 (80 to 140 kg) | 67300 | 67304 | |
| Jersey Cover | ThevoCalm 80 (up to 176.4 lbs) ThevoCalm 80 (up to 80 kg) | 67200 | 67204 | |
| | ThevoCalm 140 (176.4 to 308.6 lbs) ThevoCalm 140 (80 to 140 kg) | 67400 | 67404 | |
| Accessories | Storing and transportation bag | 64300 | | |
| | Inco. Cover | 63300 | 64304 | |
| | Jersey Cover | 63400 | 63404 | |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover |
|---|---|
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) to be cleaned by wiping disinfection suitable for tumble dryers | Cover top side 64% polyester, 36% polyurethane Cover bottom side 100% polyester |
| Cleaning recommendations Jersey Cover | Material Jersey Cover |
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) suitable for tumble dryers | Cover top side 40% modacryl, 25% polyester, 35% polyamide Cover bottom side 100% polyester |
| Cleaning recommendations Mattress | Material Mattress |
| <ul style="list-style-type: none"> autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core PUR-foam Tricot 100% polyester |



ThevoRelief - Pain Care

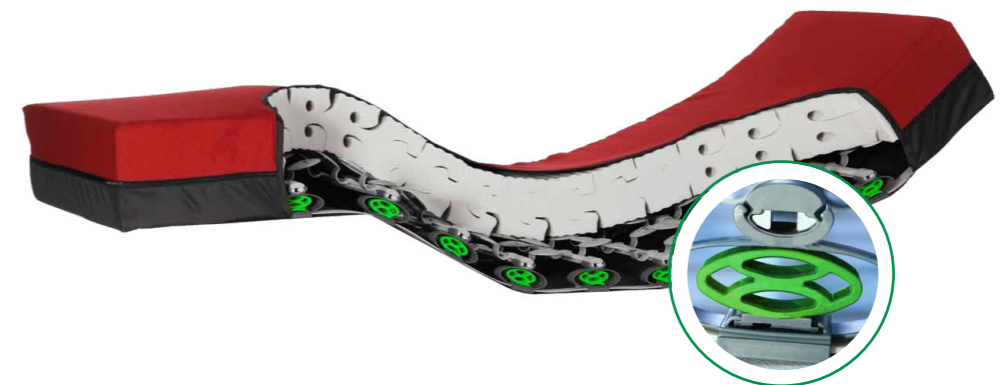
ThevoRelief was designed to relieve pain when lying down and improve the quality of sleep of persons suffering from arthrosis, osteoporosis, or cancer.

| Sizes ThevoRelief | | Hospital size 35.4 x 78.7 x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 190 x 19 cm | Mattress Weight |
|-------------------|---|---|--|---------------------------------|
| Inco. Cover | ThevoRelief 50 (up to 110.2 lbs) ThevoRelief 50 (up to 50 kg) | 69100 | 69102 | about 20 - 25 kg / 44 - 55 lbs* |
| | ThevoRelief 100 (110.2 to 220.5 lbs) ThevoRelief 100 (50 to 100 kg) | 69300 | 69304 | |
| Jersey Cover | ThevoRelief 135 (220.4 to 297.6 lbs) ThevoRelief 135 (100 to 135 kg) | 69500 | 69502 | |
| | ThevoRelief 50 (up to 110.2 lbs) ThevoRelief 50 (up to 50 kg) | 69200 | 69202 | |
| Accessories | Storing and transportation bag | 64300 | | |
| | Inco. Cover | 63500 | 63504 | |
| | Jersey Cover | 63600 | 63604 | |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover |
|---|---|
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) to be cleaned by wiping disinfection suitable for tumble dryers | Cover top side 64% polyester, 36% polyurethane Cover bottom side 100% polyester |
| Cleaning recommendations Jersey Cover | Material Jersey Cover |
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) suitable for tumble dryers | Cover top side 40% modacryl, 25% polyester, 35% polyamide Cover bottom side 100% polyester |
| Cleaning recommendations Mattress | Material Mattress |
| <ul style="list-style-type: none"> autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core PUR-foam Tricot 100% polyester |



ThevoautoActiv - Pressure Care

ThevoautoActiv has been developed for the prevention and treatment of pressure ulcers up to and including the stage III according to EPUAP (European Pressure Ulcer Advisory Panel). ThevoautoActiv is especially suited for patients with neurological diseases and pain. Besides an excellent pressure distribution the system supports perception and movement.

| Sizes ThevoautoActiv | | Hospital size 35.4 x 78.7 x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 190 x 19 cm |
|----------------------|---|---|--|
| Inco. Cover | ThevoautoActiv 50 (up to 110.2 lbs) ThevoautoActiv 50 (up to 50 kg) | 68100 | 68104 |
| | ThevoautoActiv 100 (110.2 to 220.5 lbs) ThevoautoActiv 100 (50 to 100 kg) | 68300 | 68304 |
| | ThevoautoActiv 135 (220.5 to 297.6 lbs) ThevoautoActiv 135 (100 to 135 kg) | 68500 | 68504 |
| Jersey Cover | ThevoautoActiv 50 (up to 110.2 lbs) ThevoautoActiv 50 (up to 50 kg) | 68200 | 68204 |
| | ThevoautoActiv 100 (110.2 to 220.5 lbs) ThevoautoActiv 100 (50 to 100 kg) | 68400 | 68404 |
| | ThevoautoActiv 135 (220.5 to 297.6 lbs) ThevoautoActiv 135 (100 to 135 kg) | 68600 | 68604 |
| Accessories | Storing and transportation bag | 64300 | |
| | Inco. Cover | 68700 | 63704 |
| | Jersey Cover | 68800 | 63804 |

| |
|---------------------------------|
| Mattress Weight |
| about 20 - 25 kg / 44 - 55 lbs* |
| Mattress Height |
| 19 cm / 7.5" |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover | |
|--|-----------------------|--|
| • washable up to 65 °C (149 °F) | Cover top side | 64% polyester, 36% polyurethane |
| • to be cleaned by wiping disinfection | Cover bottom side | 100% polyester |
| • suitable for tumble dryers | | |
| Cleaning recommendations Jersey Cover | Material Jersey Cover | |
| • washable up to 65 °C (149 °F) | Cover top side | 40% modacryl, 25% polyester, 35% polyamide |
| • suitable for tumble dryers | Cover bottom side | 100% polyester |
| Cleaning recommendations Mattress | Material Mattress | |
| • autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core | PUR-foam |
| | Tricot | 100% polyester |



ThevoActiv - Pressure Care

ThevoActiv has been developed for the prevention and treatment of pressure sores up to and including grade IV according to EPUAP (European Pressure Ulcer Advisory Panel). ThevoActiv is particularly suited for the care of patients with neurological clinical pictures and pain symptoms. Besides an excellent pressure distribution, the system is well suited for the perception and movement support.

| Sizes ThevoActiv | | Hospital size 35.4 x 78.7 x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 190 x 19 cm |
|------------------|---|---|--|
| Inco. Cover | ThevoActiv 50 (up to 110.2 lbs) ThevoActiv 50 (up to 50 kg) | 65171 | 65113 |
| | ThevoActiv 100 (110.2 to 220.5 lbs) ThevoActiv 100 (50 to 100 kg) | 65188 | 65133 |
| | ThevoActiv 135 (220.5 to 297.6 lbs) ThevoActiv 135 (100 to 135 kg) | 65192 | 65153 |
| Accessories | Storing and transportation bag | 64300 | |
| | Bag for control unit | 64302 | 64302 |
| | Inco. Cover | 64571 | 64570 |

| |
|---------------------------------|
| Mattress Weight |
| about 20 - 27 kg / 44 - 60 lbs* |
| Mattress Height |
| 19 cm / 7.5" |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

| Cleaning recommendations Inco. Cover | Material Inco. Cover | |
|--|-----------------------|--|
| • washable up to 65 °C (149 °F) | Cover top side | 64% polyester, 36% polyurethane |
| • to be cleaned by wiping disinfection | Cover bottom side | 100% polyester |
| • suitable for tumble dryers | | |
| Cleaning recommendations Jersey Cover | Material Jersey Cover | |
| • washable up to 65 °C (149 °F) | Cover top side | 40% modacryl, 25% polyester, 35% polyamide |
| • suitable for tumble dryers | Cover bottom side | 100% polyester |
| Cleaning recommendations Mattress | Material Mattress | |
| • autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core | PUR-foam |
| | Tricot | 100% polyester |



ThevoFlex - For Wheelchair Users

ThevoFlex was designed to meet the special needs of wheelchair drivers and combines a pressure relieving mattress with a firm base to facilitate transfers. ThevoFlex offers a firm surface for lying. The Edge layer (width 3.9") facilitates transfers and provides the person with adequate hold and stability. eption and movement.

| Sizes ThevoFlex | | Hospital size 35.4 x 78.7x 7.5" 90 x 200 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 19 x 19 cm |
|-----------------|--|--|---|
| Inco. Cover | ThevoFlex 80 (up to 176.4 lbs) ThevoFlex 80 (up to 80 kg) | 67600 | 67602 |
| | ThevoFlex 140 (176.4 to 308.6 lbs) ThevoFlex 140 (80 to 140 kg) | 67800 | 67802 |
| Jersey Cover | ThevoFlex 80 (up to 176.4 lbs) ThevoFlex 80 (up to 80 kg) | 67700 | 67702 |
| | ThevoFlex 140 (176.4 to 308.6 lbs) ThevoFlex 140 (80 to 140 kg) | 67900 | 67902 |
| Accessories | Storing and transportation bag | 64300 | |
| | Inco. Cover | 67700 | 63702 |
| | Jersey Cover | 63800 | 63802 |

| Mattress Weight |
|---------------------------------|
| about 17 - 26 kg / 37 - 57 lbs* |
| Mattress Height |
| 19 cm / 7.5" |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover | |
|---|-----------------------|--|
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) to be cleaned by wiping disinfection suitable for tumble dryers | Cover top side | 64% polyester, 36% polyurethane |
| | Cover bottom side | 100% polyester |
| Cleaning recommendations Jersey Cover | Material Jersey Cover | |
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) suitable for tumble dryers | Cover top side | 40% modacryl, 25% polyester, 35% polyamide |
| | Cover bottom side | 100% polyester |
| Cleaning recommendations Mattress | Material Mattress | |
| <ul style="list-style-type: none"> autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core | PUR-foam |
| | Tricot | 100% polyester |



ThevoSleepingStar - The Mobility Bed for children

ThevoSleepingStar is a positioning and therapeutic system suitable for children, which has been developed to ease the nightly care of ill and disabled children. It can be used for the perception support of disabled children, for the support of a good pain therapy, for the development of a physiological sleep pattern, for the inhibition of muscle tensions and for the prevention and treatment of pressure ulcers.

| Sizes ThevoSleepingStar | | Crib size 27.6 x 55.1 x 7.5" 70 x 140 x 19 cm | Hospital size 35.4 x 78.7 x 7.5" 90 x 200x 19 cm | Twin size (39.4 x 74.8 x 7.5" 100 x 190 x 19 cm |
|-------------------------|--|---|--|---|
| Inco. Cover | ThevoSleepingStar (up to 132.3 lbs) ThevoSleepingStar (up to 50 kg) | 66181 | 66123 | 66185 |
| | Storing and transportation bag | 64300 | | |
| Accessories | Inco. Cover | 66281 | 66223 | 66285 |

| Mattress Weight |
|---------------------------------|
| about 13 - 26 kg / 29 - 57 lbs* |
| Mattress Height |
| 19 cm / 7.5" |

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

Fulfills flammability standards: 16 CFR 1632, 16 CFR 1633, Cal. TB 129/ASTM E 1590, BFD IX-11

| Cleaning recommendations Inco. Cover | Material Inco. Cover | |
|---|----------------------|---------------------------------|
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) to be cleaned by wiping disinfection suitable for tumble dryers | Cover top side | 64% polyester, 36% polyurethane |
| | Cover bottom side | 100% polyester |
| Cleaning recommendations Mattress | Material Mattress | |
| <ul style="list-style-type: none"> autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core | PUR-foam |
| | Tricot | 100% polyester |



ThevoSleepingStarA - The Mobility Bed for children

ThevoSleepingStar A is a positioning and therapeutic system suitable for children, which has been developed to ease the nightly care of ill and disabled children. It can be used to support body perception of disabled children, to support good pain therapy, to develop a physiological sleep pattern, for the inhibition of muscle tensions and, for the prevention and treatment of pressure ulcers up to and including grade IV according to EPUAP (European Pressure Ulcer Advisory Panel).

| Sizes ThevoSleepingStar | | Crib size 27.6 x 55.1 x 7.5" 70 x 140 x 19 cm | Hospital size 35.4 x 78.7 x 7.5" 90 x 190 x 19 cm | Twin size 39.4 x 74.8 x 7.5" 100 x 200 x 19 cm |
|-------------------------|--------------------------------------|---|---|--|
| Inco. Cover | ThevoSleepingStarA (up to 132.3 lbs) | 61382 | 65332 | 65312 |
| | ThevoSleepingStarA (up to 50 kg) | | | |
| Accessories | Storing and transportation bag | 64300 | | |
| | Bag for control unit | 64302 | 64302 | 64302 |
| | Inco. Cover | 61381 | 64581 | 64582 |

Mattress Weight

about 16 - 22 kg / 35 - 49 lbs*

Mattress Height

19 cm / 7.5"

*Relates to the mattress sizes mentioned above. Weight can vary minimally, because of production tolerance.

| Cleaning recommendations Inco. Cover | Material Inco. Cover |
|---|---|
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) to be cleaned by wiping disinfection suitable for tumble dryers | Cover top side 64% polyester, 36% polyurethane Cover bottom side 100% polyester |
| Cleaning recommendations Jersey Cover | Material Jersey Cover |
| <ul style="list-style-type: none"> washable up to 65 °C (149 °F) suitable for tumble dryers | Cover top side 40% modacryl, 25% polyester, 35% polyamide Cover bottom side 100% polyester |
| Cleaning recommendations Mattress | Material Mattress |
| <ul style="list-style-type: none"> autoclavable up to 110°C (230°F) with vacuum/steam/vacuum or steam flow method | Core PUR-foam Tricot 100% polyester |



ThevoChair - Dementia Care

ThevoChair was developed to improve the perception and symptoms of patients with dementia. The person is more even-tempered and receptive, with reduced anxiety and depression. Smooth rocking motions move the foot, knee and hip joints in a gentle way.

| Articles ThevoChair | Item.-no | net weight |
|---|----------|---------------------|
| ThevoChair | 63900 | 61.7 lbs 28.0 kg |
| Foot stool | 63910 | 13.2 lbs 6.0 kg |
| Cover for underframe | 63912 | 0.4 lbs 0.2 kg |
| Protection cover, inco (incl. cover foot stool) | 63913 | 2.2 lbs 1.0 kg |



| Technical Data | cm | Inch |
|----------------------------|----------------|----------------|
| | Height of back | 72 cm |
| Height (total) | 110 cm | 43.3" |
| Width | 73 cm | 28.7" |
| Depth of seat | 47 cm | 18.5" |
| Width of seat | 55 cm | 18.5" |
| Back angle | 112° / 115° | |
| Seat height | 48 cm | 18.9" |
| Max. load-bearing capacity | 140 kg | 308.6" |
| Foot Stool (accessory) | Height (max) | 41 cm 16.1" |
| | Width | 44 cm 17.3" |
| | Depth | 44 cm 17.3" |

Fulfills flammability standards: Cal. TB 133

| Cleaning recommendations | Material |
|--|---|
| <ul style="list-style-type: none"> can be wiped clean and disinfected | Cover 100 % polyester Foam 100 % polyurethane foam |

For further information please contact your local dealer.



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