

HOW THE MOST ADVANCED SENSOR TECHNOLOGY CAN ENHANCE MASSAGE.

Human beings can suffer from both physical and mental fatigue. The therapy has been designed based on a “stiffness feeling” as physical fatigue, and now the stress sensor, senses the degree of “stress” i.e. mental fatigue. The massage lounge’s massage promotes relaxation according to the stress level. The HEC-DR8700 massage lounge offers treatment of both the mental and physical aspects through the stiffness sensor and stress sensor working together. SANYO massage loungers are closer to the techniques of a professional masseur than ever before.

STRESS SENSOR

Selecting the Full Auto Course and inputting your age will measure your pulse fluctuations (R-R intervals as seen in an electrocardiogram) and determine the degree of stress. Research Center for Sports and Healthcare Technology of Ritsumeikan University and SANYO Electric Co., Ltd. have conducted cooperative research on electrocardiographic measurement and applied technology. (from 2006 to 2008: MEXT Knowledge Cluster Initiative)



Grip the sensor controller with the fingers of both hands.

When stress measurement is completed, the measured degree of stress is displayed.



STIFFNESS SENSOR

This sensor detects the amount of stiffness you’re feeling in your body by sensing physiological response variations. It then automatically adjusts to provide the best massage for your body in the same way a professional senses your stiffness with the fingertips.



Grip the sensor controller with the fingers of one hand.

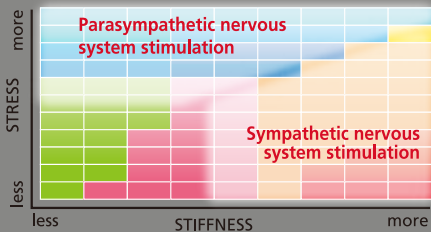
When stiffness measurement is completed, the measured degree of stiffness is displayed.

○ Areas where a high degree of stiffness has been detected.
○ Areas where a low degree of stiffness has been detected.

3 stiffness levels (High/Low/None) are indicated.

Course selection of Full Auto

If the double-function sensor finds your stress level high, a gentle massage that stimulates the parasympathetic nervous system is provided. If stiffness is high, you receive a massage that stimulates the sympathetic nervous system. So each time you enjoy the ideal massage for your condition, refreshing both body and mind.



How to measure stress

Grip the stress sensor with both hands to measure your pulse fluctuations of R-R intervals as seen in an electrocardiogram and determine the degree of stress. The fluctuations of R-R intervals are called CVRR (Coefficient of Variation of R-R Intervals). The higher this value is, the more relaxed you are. The lower it is, the more stress you are experiencing. The CVRR index differs according to age, so input your age for greater accuracy. SANYO bases measurements and verification of CVRR of our massage loungers on testing conducted by the Department of Kansei Design of Hiroshima International University.

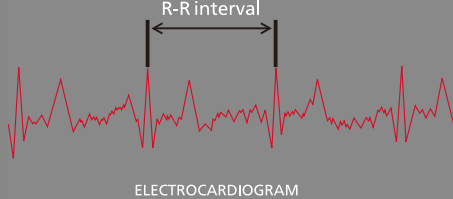


表 4

Specifications

Power consumption	200 W - 290 W
Power dissipation of electric heating equipment	33 W
Rated time	30 min.
Timer	WHOLE BODY SENSOR AUTOMATIC COURSES FULL AUTOApprox. 17 minutes STIFFNESS, RECOVERY, RELAXApprox. 15 minutes QUICKApprox. 8 minutes (Maximum of approx. 20 minutes due to stiffness detection) AUTOMATIC COURSESApprox. 15 minutes MANUAL COURSESApprox. 15 minutes
Dimensions	730mm (28 3/4") [width] x 1,370mm (53 7/8") [depth] x 1,220mm (48") [height] * When upright (with footrest retracted) 730mm (28 3/4") [width] x 1,940mm (76 3/8") [depth] x 760mm (29 7/8") [height] * When reclined (with footrest horizontal)
Weight	Approx. 90kg (198 lbs)
Cord length	Approx. 2.1m (82 5/8")
Upholstery	Synthetic leather
Accessories	Stand, Installation screws (Three)
Frequency	Gripping (5 stages) Approx. 9 - 24 times per minute Kneading (up/down) (5 stages) Approx. 10 - 30 times per minute Tapping (5 stages) Approx. 300 - 600 times per minute Shiatsu (5 stages) Approx. 4 - 14 times per minute
Width	Tapping (5 stages) Approx. 63 - 140mm (2 3/8" - 5 1/2") Spine stretching (5 stages) Approx. 63 - 140mm (2 3/8" - 5 1/2")
Vertical movement speed	One up/down pass in approx. 34 sec.
Range of partial stretching	Partial stretching (Partial) : Repetition with approx. 210mm (8 1/4") Partial stretching (Focus) : Repetition with approx. 110mm (4 3/8")
Massage rollers up/down range	Approx. 780mm (30 5/8")
Height adjustment for massaging rollers	No gradation or approx. 1cm (3/8")/one press of button
Reclining angle	Approx. 120° - 170°
Reclining method	Backrest: Motor-driven type (Linked with footrest) Footrest: Motor-driven type (Footrest only) Seat surface: Motor-driven type (Linked with backrest and footrest)
Air pressure	(3 stages) Approx. 11-28kPa * There is a slight difference according to the part.

Note : Product appearance and specifications are subject to change without notice.

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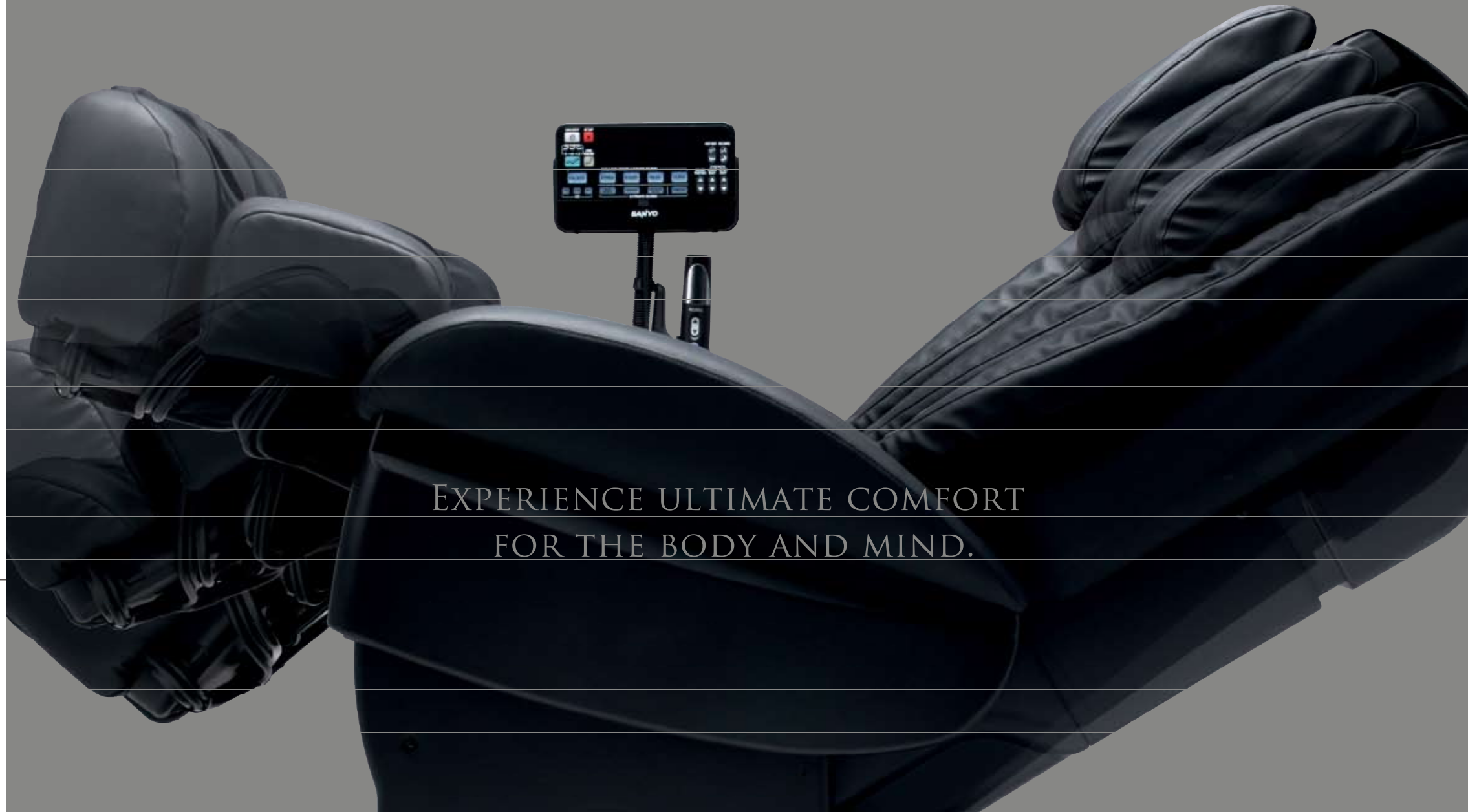
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表 1

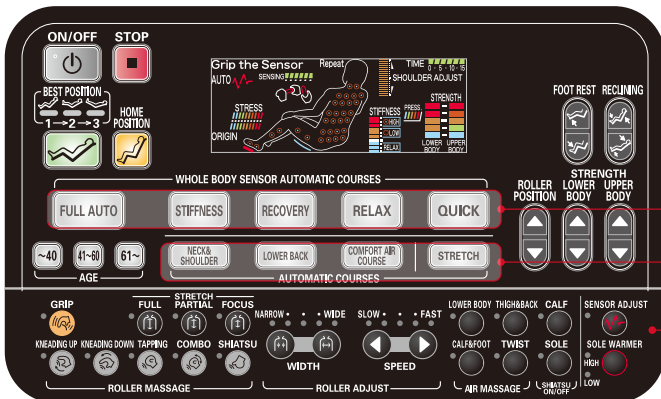
Think GAIA For Life and the Earth Massage Lounge

SANYO
HEC-DR8700



EXPERIENCE ULTIMATE COMFORT
FOR THE BODY AND MIND.

Remote Control



Whole Body Sensor Automatic Courses
Automatic Courses
Manual Courses



Sensor Controller

Whole Body Sensor Automatic Courses

- Full Auto Course**
Fully automatic massage based on the degrees of stress and stiffness
- Stiffness Course**
Uses mainly realistic Shiatsu, pressing slowly and deeply to relieve stiff muscles.
- Recovery Course**
Uses mainly tapping and kneading to relieve muscle fatigue.
- Relax Course**
Uses mainly kneading and light tapping to gently stimulate body.
- Quick Course**
Short massage to promote blood circulation (Reduced time course)



HEC-DR8700