



KAWAMURA GROUP

Company & Products

Think Possibility  **KAWAMURA**

KAWAMURA Group uses experience and industry know-how to bring you better orthotics. Also, by working closely with specialists, we can choose orthoses that address patients' needs for greater support and the most comfortable fit.

Product Catalogue 2016 - 2017



Proven Japanese Quality

English

GAITSOLUTION Design R1



Specifications

Functions

- Braking range
In addition to unrestricted dorsal flexion movement, from the neutral position, there's up to 15 degrees of plantar flexion dampening available.
- Braking Force adjustment range
Resistance can be incrementally adjusted from 2Nm to 20Nm
- Two initial ankle angle positions
0 or 5 degrees, available through part selection

Dimensions

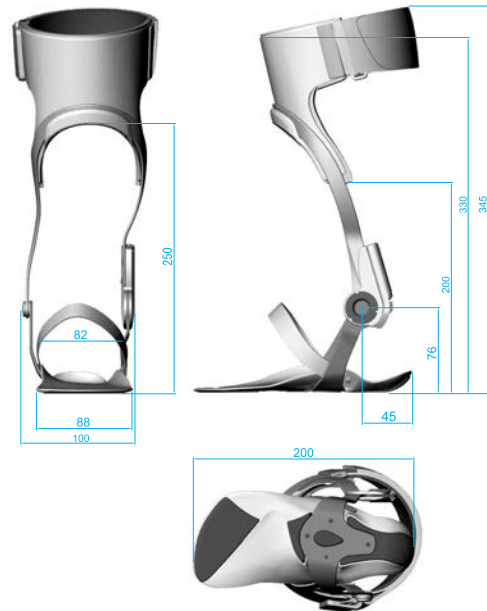
- Calf circumference: 260 mm – 400 mm *1
- Foot length: 230 mm – 260 mm *2
*1 For the calf and foot straps, the belts provided can be cut to any desired length.
*2 If there is excessive deformity or the foot length is greater than that above, use the made-to-order plastic or metal Gait Solution.

Indications

- Hemiplegia, peroneal paralysis, etc.
- Weight limit : 90 kg

Incompatible conditions

- Severe spasticity or deformity
 - Significant sensory disturbance
 - Extreme hyperextension of the knee
- *A therapist or a CPO should adapt the orthosis on a patient under the guidance of a physician.
*This product was developed in conjunction with Professor Sumiko Yamamoto from the International University of Health and Welfare.



* The above figures in blue stand for specifications of M size.

Patients adaptable

Size	S	M	L
Height	145~155cm	155~170cm	170~185cm
Foot length	21~23cm	23~26cm	26~28cm
Shoe size (Reference)	33~36	36~41	41~43

The warranty period is one year from the invoice date. The durable period on this product is two years when regular inspections and necessary part replacement are performed every 6 months.



Colors

● Standard
(L 69500001/R69500002)



● Urban
(L 69500003/R69500004)



● Sports
(L 69500005/R 69500006)



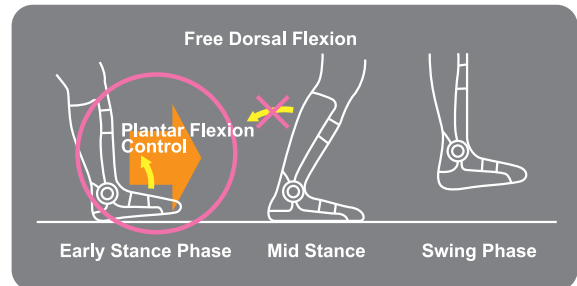
Features of Gait Solution

Feature

Feature 1

A hydraulic shock absorption system adopted to ease difficulties in walking

- ① Plantar Flexion Control: The shock absorber was chosen based on the latest walking analysis. At heel contact, fluid hydraulic allows gradual movement of the ankle joint. The hydraulic braking system can be set to each individual's optimal plantar flexion resistance with a flathead screwdriver at the regulating valve.
- ② Free Dorsal Flexion: Unrestricted dorsal flexion from foot flat through swing phase provides more natural knee movement while walking.
- ③ Optimal Ankle Joint Angle: Internal spring mechanism provides toe clearance during swing phase.
In addition, the strong and light-weight titanium frame assists the calf muscle and offers an increase in walking efficiency.



Feature 2

This product is compatible with many shoes and orthotics

Careful consideration was taken into ensuring a proper heel height, designing the foot-ankle assembly shape, and arranging the rubberized pads on the foot plate to attain the greatest level of customer satisfaction. Also, this Gait Solution orthosis utilizes a rear entry method allowing patients' use without lifting the foot.



Feature 3

Aesthetically pleasing and exceptionally comfortable

The unit is comfortable to wear because of the moisture decentralization pads used for the parts touching the skin.



GAIT INNOVATION

A quick adjustable KAFO(Knee Ankle Foot Orthosis) for efficient rehabilitation

In the cerebral stroke guideline 2015, early gait rehabilitation with orthosis is strongly recommended as grade A. This product is a KAFO to be equipped in a hospital. We consider the importance of early orthosis treatment and designed the product to undergo early gait rehabilitation with quick adjustment.

Some issues in conventional products

Adjustment with towel

If the circumference of a thigh cuff is too big, it would be popular to put a towel in to adjust fit. Actually, a towel cannot fix the thigh in the orthosis and the thigh tend to move in the orthosis.



Height adjustment mechanism with screws

When you need to adjust the height with this mechanism, you need to untighten and tighten again total 6 screws on medial and lateral side of the upright. Sometime a patient use the orthosis without adjusting height because rehabilitation hour is limited. If the height of an orthosis is not proper, a patient would feel the orthosis unstable.

You also need to untighten screws when you want to cut down the orthosis from KAFO to AFO.

Hygiene

When a KAFO is shared in a hospital, there would be a risk of Hospital-acquired infection. A conventional products are made of leathers and fabrics which means difficulty in orthosis care.

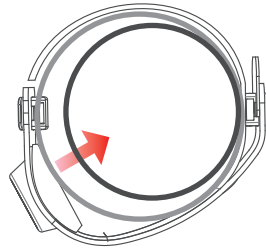


Cut down

Feature

Center Fix System

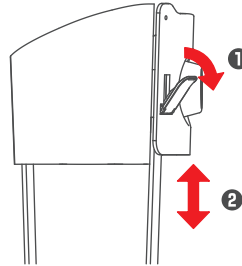
You can adjust the circumference of a thigh cuff by turning dial in the cuff. The belt would tighten towards AP direction and also ML direction to fix the thigh in the orthosis.



Height Adjustment System

The cuff can slide up and down along the upright. You can lock and release the cuff with a lever easily. You can adjust heights of lower leg cuff, knee joint and thigh cuff. If you haven't adjust the heights from the time issue, you could adjust the heights quickly with this orthosis.

You can also cut down the orthosis easily by the lever and slides.



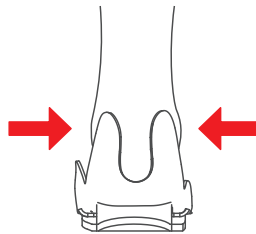
Hold foot mechanism

The heel is held in the orthosis by tightening ankle belts. A patient can walk stably with the orthosis.

Orthosis care

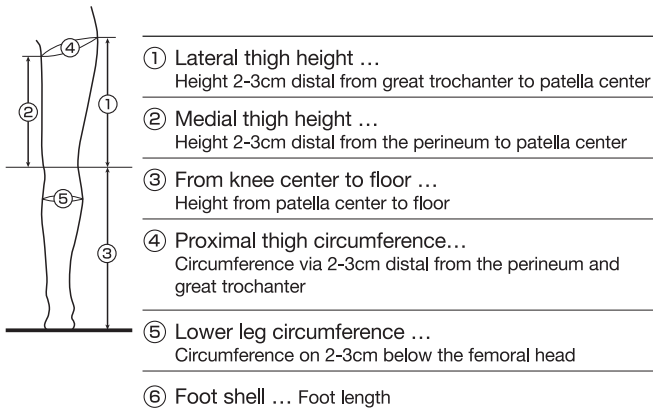
The materials in a cuff or a foot component are wipeable and sterilizable with sterilization chemicals. Because the orthosis is designed to be shared in the hospital, you can take care the orthosis easily and securely.

*You cannot wash (whole washing) in water.



Feature

Measuring guide for heights and circumferences



Adjustment range

Unit: cm

Size	S	M
① Lateral thigh height	26~30	32~36
② Medial thigh height	19~23	25~29
③ From knee center to floor	38.5~46.5	42~51
④ Proximal thigh circumference	35~44	43~52
⑤ Lower leg circumference	28~34	33~39
⑥ Foot shell	24	26 or 28
Height	64.5~76.5	74~87

Part No.	Specification
69508001	Right S (Size 24cm)
69508002	Knee joint : Left S (Size 24cm)
69508003	Dial lock Right M (Size 26cm)
69508004	Ankle joint : Right M (Size 28cm)
69508005	GS Double Klenzack Left M (Size 26cm)
69508006	Left M (Size 28cm)
69508007	Right S (Size 24cm)
69508008	Knee joint : Left S (Size 24cm)
69508009	Ring lock Right M (Size 26cm)
69508010	Ankle joint : Right M (Size 28cm)
69508011	GS Double Klenzack Left M (Size 26cm)
69508012	Left M (Size 28cm)
69508013	Right S (Size 24cm)
69508014	Knee joint : Left S (Size 24cm)
69508015	Dial lock Right M (Size 26cm)
69508016	Ankle joint : Right M (Size 28cm)
69508017	GS Double Klenzack Left M (Size 26cm)
69508018	Left M (Size 28cm)
69508019	Right S (Size 24cm)
69508020	Knee joint : Left S (Size 24cm)
69508021	Ring lock Right M (Size 26cm)
69508022	Ankle joint : Right M (Size 28cm)
69508023	GS Double Klenzack Left M (Size 26cm)
69508024	Left M (Size 28cm)

T-support

What is T-support ?

T-support is a brand new gait assistance device. Medical professionals can expect higher therapeutic effect when they use this device for gait training to the patients suffering hemiplegia from a stroke along with lower limb orthosis. Structure of this device is really simple. It consist of a vest to support trunk functions and elastic belts to put on the vest. They raises lower limb security on stance phase and assist swing on swing phase.

You can use this device on wide stages from acute, recovery to maintenance stage. You can also use this on KAFO or AFO, various situation.

For fine tuning on gait training

When you cut down KAFO to AFO, sometimes patient experience knee bending on late stance phase or compensatory back knee from insufficient lower limb support.

T-support assists lower limb security and turns down the gait training difficulty without locking knee joint.

- 1 KAFO with locked knee setting
- 2 KAFO with free knee setting
- 3 AFO



Front



Back



Belts



Yellow-green



Grey

- Includes : 1 x Vest, 2 x Belts
- Size : Free (Maximum "reference" size, height : 175cm, pelvis circumference : 105cm)
- Color : Yellow-green(69131001) , Grey(69031002)

Optional parts

Rear pad for assistance

An assistant can transfer care motion easily by using this pad on paralyzed side.

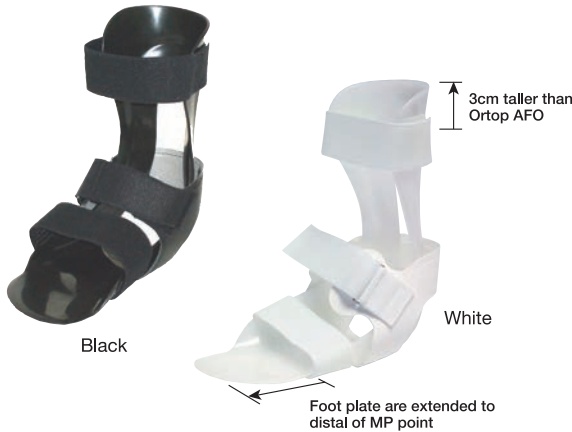


Part No. 69131013



This product is developed by Kawamura Gishi Co.,Ltd. under direction from Mr. Tomoki Nakatani, Takarazuka rehabilitation hospital.

Please refer to his "brain stroke 8 steps" or web site (<http://ry-ouhoushi.net/page4>) for more information about development of this product. Please contact our company for product itself.



Ortop® AFO LH



Dramatically improved braking force performance provides a higher level of support.

- Provides greater braking for plantar flexion than the AFO
- AFO LH is 3 cm taller than the AFO
- The plantar plate ends at the MP distal area of the foot
- Spare rings straps and Velcro are available for purchase

Indication

Equinovarus foot following a stroke Peroneal nerve palsy

Size	S		M		L		LL		
Foot length	22~23,5cm		23,5~25,5cm		25,5~27,5cm		27,5~29cm		
Shoe size (Reference)	34~37		37~40		40~43		43~45		
Left/Right	L	R	L	R	L	R	L	R	
Part No.	White	69506111	69506112	69506113	69506114	69506115	69506116	69509117	69506118
	Black	69506119	69506120	69506121	69506122	69509123	69506124	69506125	69506126



White

Ortop® AFO



The Ortop® AFO that has been in use for over 20 years has been completely redesigned

- Now lighter, more comfortable, and easier to use than ever before
- Shortened to the proximal MP joint
- Socks will easily fit over the Ortop AFO
- Allows for a more varied shoe choice due to its reduced size
- Ankle strap has been redesigned to better conform to the natural shape of the foot. Also, provides greater stability by firmly holding the foot.
- Floor to proximal height is 14.5 cm (medium size)

Indication

Equinovarus foot following a stroke Peroneal nerve palsy

Size	S		M		L		LL		
Foot length	20,5~22cm		22,5~24cm		24,5~26cm		26,5~27,5cm		
Shoe size (Reference)	31~34		35~37		38~41		42~43		
Left/Right	L	R	L	R	L	R	L	R	
Part No.	White	69506001	69506002	69506003	69506004	69506005	69506006	69506007	69506008
	Black	69506101	69506102	69506103	69506104	69506105	69506106	69506107	69506108

Vela

New Style Shoehorn

Enjoyment of wearing favorite shoes
Would you want to find a new style with Vela?

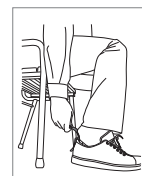


Black

Green

Pink

Examples



Part No.	29415001	29415002	29415003
Color	Black	Green	Pink
Weight	About 22g		
Material	Body : Polycarbonate / String : Polypropylene		



KAWAMURA GISHI Co.,Ltd

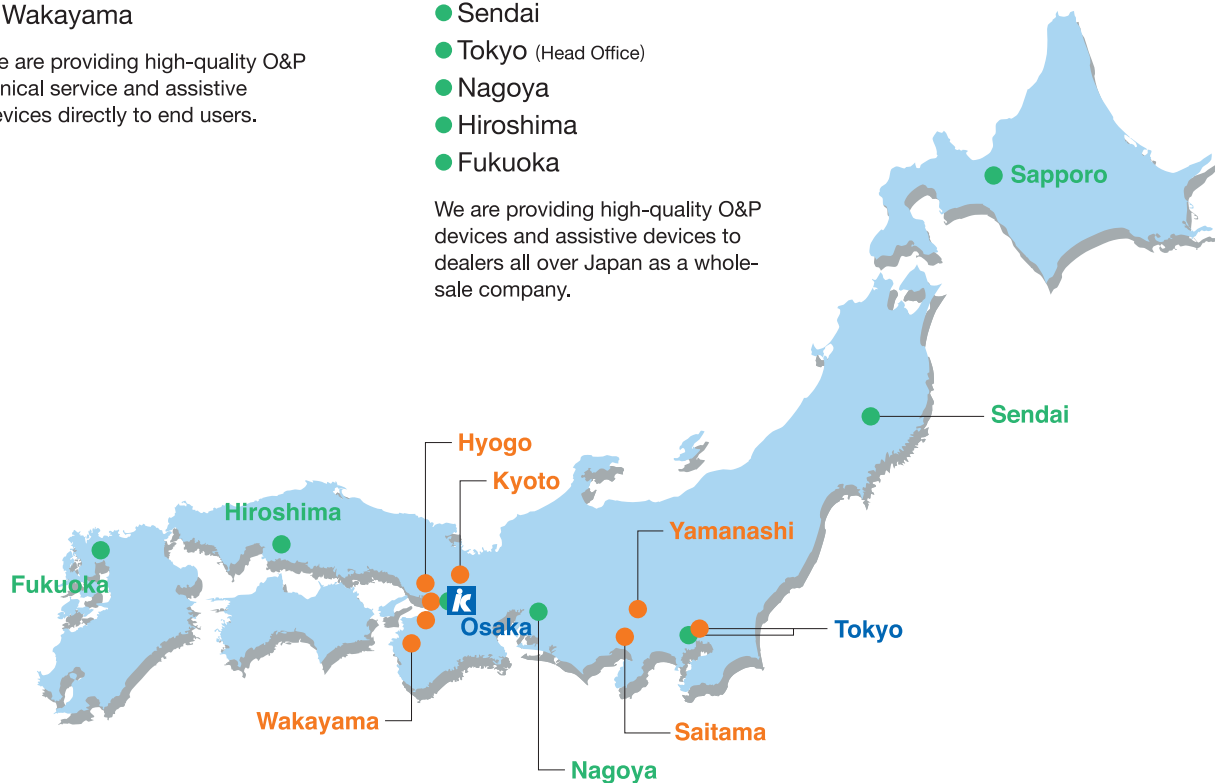
- Osaka (Head Office)
- Tokyo (Head Office)
- Yamanashi
- Saitama
- Kyoto
- Hyogo
- Wakayama

We are providing high-quality O&P clinical service and assistive devices directly to end users.

Pacific Supply Co.,Ltd

- Osaka (Head Office)
- Sapporo
- Sendai
- Tokyo (Head Office)
- Nagoya
- Hiroshima
- Fukuoka

We are providing high-quality O&P devices and assistive devices to dealers all over Japan as a whole-sale company.



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**We'd like to spread
our product internationally.
We're seeking international
business partners!**

Please contact us with your
company information.

KAWAMURA GROUP



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GAIT SOLUTION Special site https://www.p-supply.co.jp/app/webroot/gs_en/index.html

※ Because of printing conditions, the color of the product may be a little different from the actual color.