

Instruction Manual

KC-509, 509P, 509G

IV Stand

Introduction

Thank you for purchasing this IV Stand.

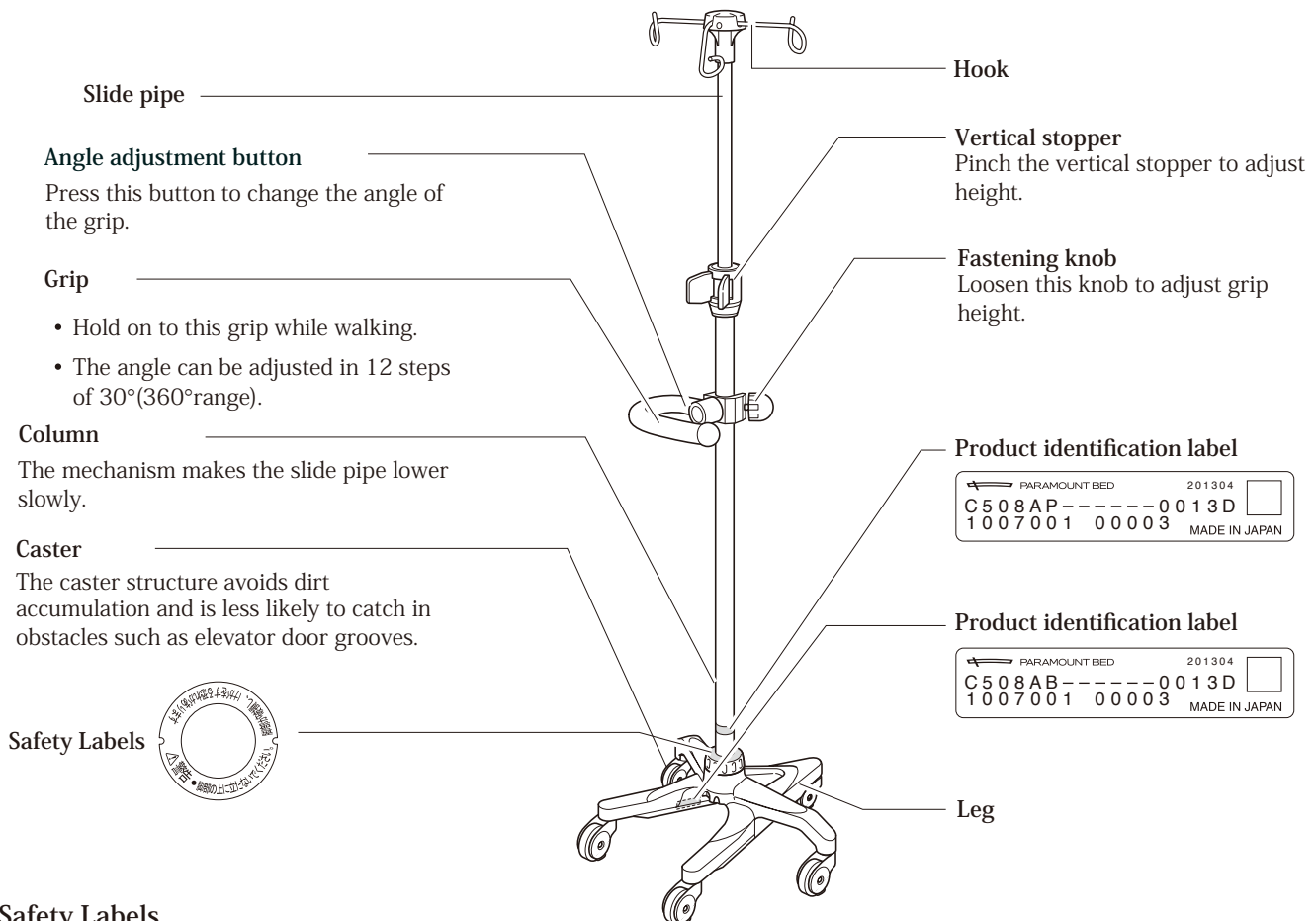
This instruction manual states precautions and usage methods necessary for safe use of this IV Stand.

- Be sure to read this instruction manual thoroughly, and understand safe and correct usage, before using this IV Stand.
- This instruction manual should be read by those using the IV stand, and by nurses and caregivers.
- After reading this instruction manual, store it in a place where it will be available for reference at all times. This product may differ in some parts from the content of this instruction manual, due to product improvements etc.
- If you have any questions, please ask Paramount Bed or your distributor.

Purpose of Use

- This IV stand was built to have transfusion bags etc. attached to it for intravenous drips.

Part names

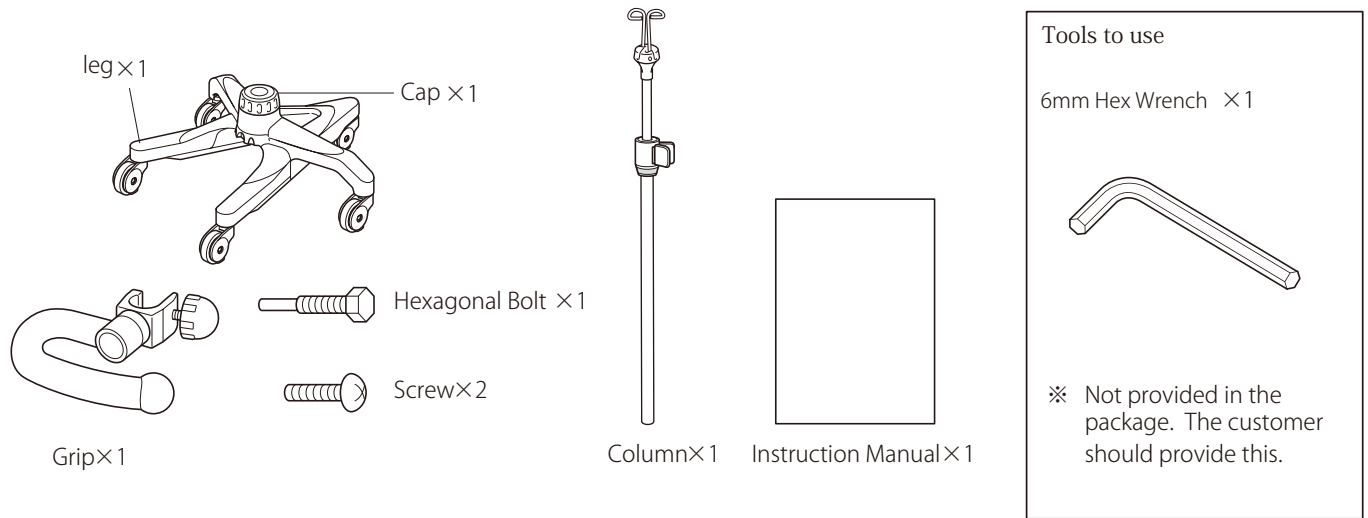


Safety Labels

- Those precautions that require particular care from those using the IV stand are made into labels and affixed to the top of the leg cap. Do not peel these labels off or damage them.
- If any label is damaged or peeled off, order a new label from your vendor and affix it in place.

Checking parts

■ After opening the package, check that all the following parts are present and are not broken. If any parts are missing or broken, please ask Paramount Bed or your distributor.



Precautions for safe use



Warning

This indicates content for which incorrect operation that ignores the label could cause death or serious injury (bone fracture, crushing, paralysis, etc.).

■ Do not stand on the step or leg.

- There is the risk that the IV stand could fall over, causing injury, and damage or deformation to the stand.

■ Do not take your heel off the floor when you use your foot to immobilize the stand.

- When you use your foot to immobilize the IV stand for operations such as changing a transfusion bag, do not lift the heel of the foot that you put on the step off the ground. There is the risk that the IV stand could tip over, leading to injury.

■ Do not move the stand across irregular surfaces or steps.

- There is the risk that the IV stand could fall over, leading to injury. Lift the stand up if it comes to a step.

■ Hold the grip while moving with the stand.

- If you hold the IV stand anywhere other than the grip, there is the risk that it could fall over, leading to injury.

■ Do not place the stand anywhere that is sloping.

- There is the risk that the IV stand could move and fall over, or drop its load, leading to injury.

■ Do not use this product for anything other than the intended purpose.

- If it is used as walking frame or a handrail, it could tip over, leading to injury.

■ Do not hang anything weighing more than the load limit from a hook.

- The maximum load per hook is 1kg (the total for 2 hooks is 2 kg).
- If load heavier than the maximum is hung from a hook, the hook could break off and fall, or the IV stand could fall over, leading to injury

* Transfusion bags (per hook)

- 2 bags of 500 ml

- 1 bag of 1,000 ml

* If you need to hang a 2,000 ml transfusion bag, use a transfusion bag hook.

Precautions for safe use



warning

This indicates content for which incorrect operation that ignores the label could cause death or serious injury (bone fracture, crushing, paralysis, etc.).

■ Do not adjust the height of the IV stand while it has anything hanging from a hook.

- There is the risk that the hanging objects could fall suddenly, or the IV stand could be damaged or deformed.

■ Check the stability of the IV stand if you attach a transfusion pump etc. to it.

The IV stand could fall over or the slide pipe could drop suddenly, leading to injury.

- Attach devices in the lowest positions possible.
- Devices weighing 3kg or more should be mounted on the leg
- When attaching devices to the slide pipe, attach them onto the vertical stopper



- Refer to the instruction manual from the device manufacturer when attaching a device such as a transfusion pump.

Check how well the grip fastening knob is fastened before using the grip.

- Check that the grip fastening knob is securely fastened before using the grip. The grip could fall if the knob is not fastened well enough, leading to injury.

■ Do not use the IV stand for support when standing up.

- There is the risk that the IV stand could fall over, leading to injury.

■ Stop using it if it breaks or fails.

- If the stand breaks or fails, immediately stop using it, and ask Paramount Bed or for a repair. The IV stand could suffer deformation, leading to injury.

■ Do not use the stand near heating equipment (a stove, etc.) or in direct sunlight.

- This could cause deformation, degradation, ignition, etc.

■ It should not be repaired or modified by the customer.

- That could cause unexpected injury or breakage.

■ Do not hang anything from the grip.

- If you hang anything from the grip as well, there is the risk that the IV stand could overbalance and fall over, leading to injury.

■ Pay attention to the angle of the grip.

- At some grip angles, users with low grip strength could lose their grip and fall, leading to injury. Such people should use the grip in a horizontal position whenever possible.

■ Do not build up too much momentum when moving.

- There is the risk that the IV stand could fall over, leading to injury.

Precautions for safe use

	Caution	This indicates content for which incorrect operation that ignores the label could cause minor injury (bruise, graze, cut, etc.) and physical damage to objects.
--	----------------	---

■ Watch your step.

- Watch your step when moving. There is the risk of stubbing toes or tripping on the casters or elsewhere, leading to injury.

■ Do not apply excessive force to lower the slide pipe.

- Forcing it down could cause breakage and deformation of parts inside the pipe.

■ When using the IV stand near a bed, do not put the leg of the IV stand under the bed.

- If the bed is lowered while the IV stand leg is under it, the IV stand could fall over, and the leg could break.

■ Do not use this product in an MRI room.

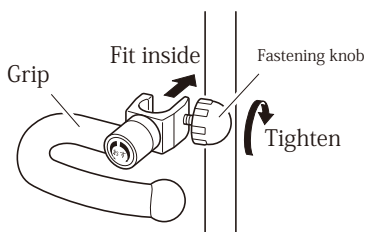
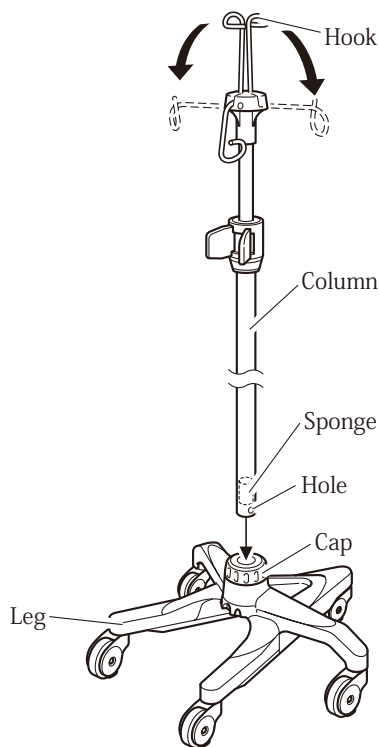
- The IV stand could be drawn towards the MRI equipment, damaging the equipment and leading to injury.

■ Do not apply spray-type insecticide directly to the IV stand.

- Solvent in the insecticide could cause breakage, deformation, or dissolving of plastic parts. There is the risk of injury from broken or dissolved parts.

Assembly method

	Caution	● Attach the support to the legs, then operate the knob of the vertical stopper. If you do so before attaching the support, the internal part of the support (a sponge) could drop out, so the slide pipe would drop suddenly while in use, leading to injury
--	----------------	---

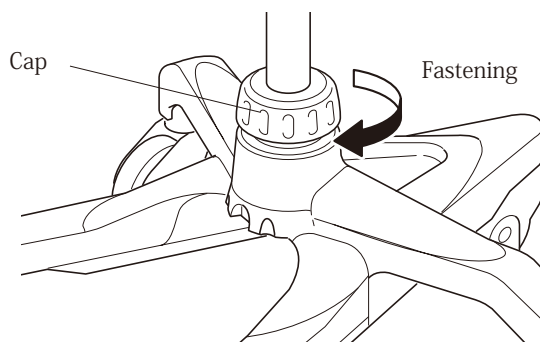


1. Pass the cap through the support, then insert it into the leg.
2. Align the hole in the lower part of the support and the hole in the center of the back of the leg, and fasten them securely together with the hexagonal bolt.



● Check that the sponge part from inside the support has not dropped out.

3. Fasten leg firmly.

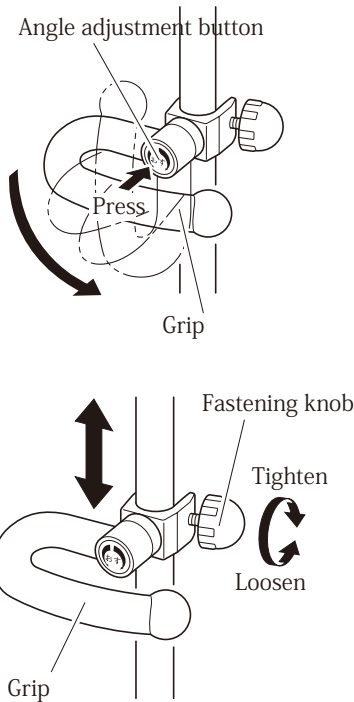


4. Fit the grip into the support and fasten the fastening knob securely, to fasten the grip.
5. Open the hook.

● Recommended tightening torques
Hexagonal bolt: Up to 10 Nm.

How to adjust and use each part

■ Grip adjustment



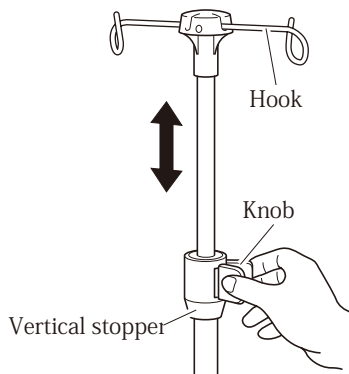
<Angle Adjustment>

Rotate the grip while pressing the angle adjustment button with your finger. The grip locks in positions in steps of approximately 30°. The adjustment range is 12 steps over 360°. Check that the grip is locked before you use it.

<Height adjustment>

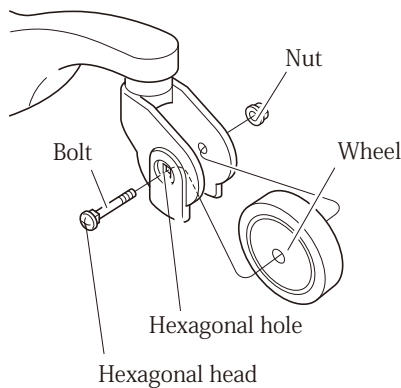
Loosen the fastening knob and adjust the grip to the intended height, then tighten the fastening knob securely so that the grip cannot slip.

■ Hook height adjustment



Attach while pinching the vertical stopper, as shown in the diagram on the left.

■ Caster disassembly



When the rotation of the casters is impeded by accumulated dirt, hair, and other foreign objects in the wheels, follow the procedure below to take it apart, and remove the foreign objects.

1. Undo the nut that fastens the casters, then remove the bolt and take the wheels off.
2. After removing the foreign objects, reattach the bolt and securely fasten the nut. Then check to make sure the caster does not rattle loosely.



- Be sure to attach the bolt from the side with the hexagonal hole, and align the hexagonal head with the hole to attach it.

-If you use a power tool the recommended tightening torque for assembly is 4.5-6.5 Nm.

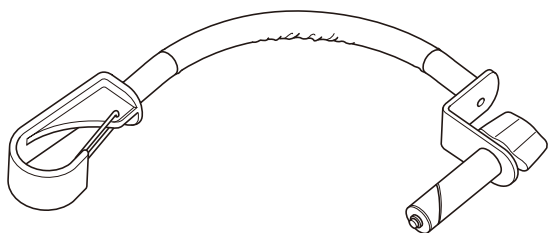
Compatible Options



- Read the instruction manual for every option you use.
- This product may differ in some parts from the content of this instruction manual due to specification changes etc. If you have any questions, please ask Paramount Bed or your distributor.

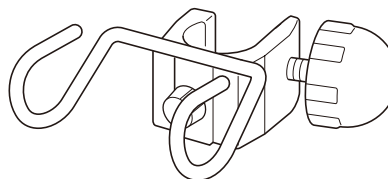
■ Link arm (KC-0582 and KC-0583)

The IV stand can be linked with compatible beds, stretchers, and wheelchairs.



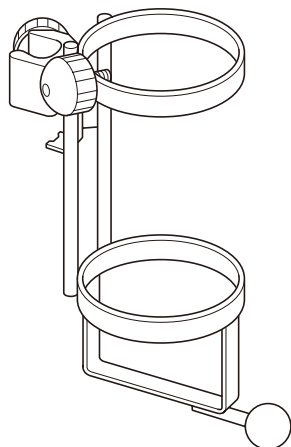
■ Urine bag holder (KC-058A)

This can be attached to the IV stand to hang a urine bag from it.

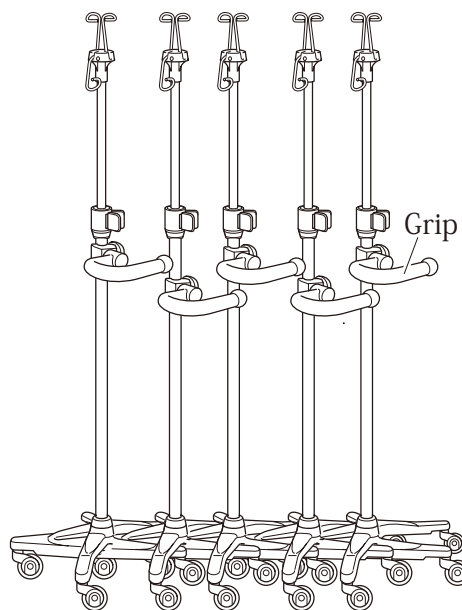


■ Oxygen cylinder holder (KC-0591)

This can be attached to the IV stand to hold an oxygen cylinder.



Stacking



Everyday Care and long-term storage

<Everyday Care>

■Removing dirt


Go through the steps (1)-(3) below.

- (1) Use a well squeezed cloth, moistened with neutral detergent diluted in water, to wipe thoroughly.
- (2) Use a well squeezed cloth, moistened water, to wipe away any residual detergent.
- (3) Use a dry cloth to wipe away any residual moisture.

■When disinfecting

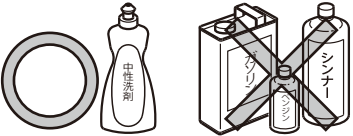
Be sure to use the following disinfectants at the specified concentrations, and as instructed in the disinfectant instructions etc.

76.9 ~ 81.4%	disinfectant ethanol
0.05 ~ 0.2%	benzalkonium chloride (Osvan, etc.)
0.05 ~ 0.2%	benzethonium chloride (Hyamine, etc.)
0.05%	chlorhexidine gluconate (Hibitane, etc.)
0.02 ~ 0.05 %	sodium hypochlorite (Milton, etc.)



Caution

- Do not use volatile substances (thinners, benzene, gasoline, etc.), or cresol. There is the risk of discoloration and degradation.
- When using disinfectant, do not use any other than the specified chemicals. There is the risk of breakage and degradation.
- If you used a neutral detergent, follow by wiping with water. Failure to wipe with water could cause cracking in plastic parts.





- This product is not compatible with autoclave sterilizers, ozone sterilizers, etc.

<Long-term storage>

- Avoid hot, humid, cold, dry, or dusty places.
Store this product in an environment of -10 to 50° C and 30 to 90% RH.
- Store the instruction manual carefully to avoid losing it.

Specifications

Product Name		IV Stand (Stacking Type)
Product Code		KC-509(Blue) / KC-509P (Pink)/ KC-509G (Green)
Dimension (cm)		Maximum diameter of the leg section is approx. 47.9 x overall height is approx. 139.5-203.2
Product weight		5.7kg
Material	Column	Stainless steel
	Leg/Grip vertical Stopper	PP (Polypropylene)



PARAMOUNT BED

Paramount Bed Co., Ltd.

Global Business Division
14-5-2 Higashisuna Koto-ku Tokyo
1368670 Japan

Tel : +81-3-3648-2961
FAX : +81-3-3648-2420