Belmont

MEPRO IV

Ophthalmic Surgery Chair



Advanced Ophthalmic Surgery Chair

MEPRO IV [DR-140]



The chair-type ophthalmic operating table MEPRO series has evolved along with the development of ophthalmic surgery.
This chair-type ophthalmic operating table is designed to make it easy for doctors, staff, and patients to get on and off the table and maintain their posture during surgery in the ever-evolving field of ophthalmic surgery.

Reclining Mechanism that Makes It Easy for the Patient to Sit and for the Doctor to Perform the Procedure

A chair-type operating table with the lowest position of 465 mm for patient's sitting comfort. Converts to surgical position with a push of a programmable setting switch (PRESET switch). The height can also be adjusted within the 265 mm lifting stroke range. After surgery, the patient can be smoothly converted to a chair position with a single push of the programmable return switch (AUTO RETURN switch).
Smooth and quiet operation due to hydraulic mechanism.







By stepping on the P switch, the chair is tilted to the flat surgical position.
It returns to the position for the patient exit by pressing the R switch.

For Patients



Wide Adjustment Range of Backrest and Headrest Being Compatible with Patients of Various Heights

When patient's height is 140 cm
*It's just a sample image.

The backrest is short and fits small patients.



When patient's height is 180 cm
*It's just a sample image.

Sliding and fitting the backrest and headrest to tall patients is possible.



For Doctors



Wide Working Area around the Doctor's Feet

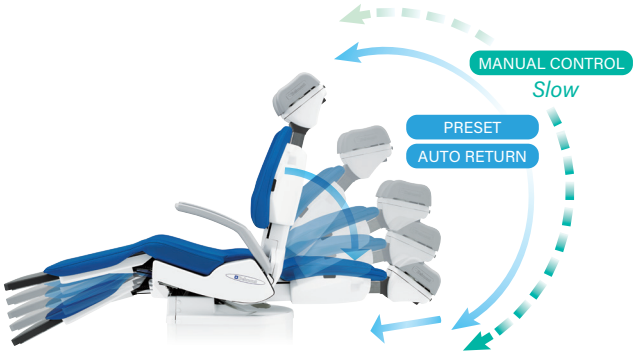
Base of the main body is compact due to the built-in casters in the main body. As a wide area is available for placing the foot control, restrictions in operation of the foot control is eliminated.

* Foot control is included in the standard accessories.



Headrest's Movement while Holding the Patient's Head in Position

During auto operation, the headrest is retracted in conjunction with reclining, preventing the head from moving out of the headrest and reducing the frequency of patient position correction.
In addition, the recline is driven at low speed during manual control, allowing for fine adjustment.



Angle Adjustment According to Movement of a Neck

Natural movement of the headrest according to the movement of the patient's neck is realized by interlocking tilt and contraction/extension of the headrest. Angle of the headrest can be adjusted without repositioning the patient's head.



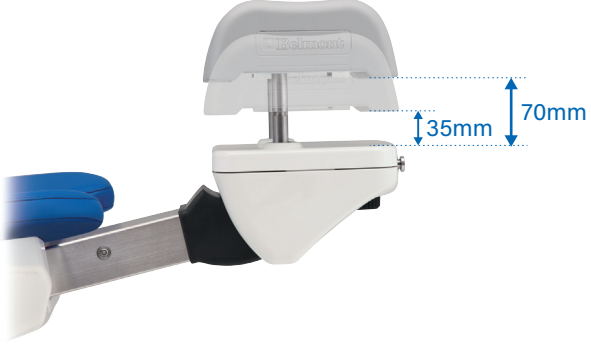
Split Right and Left Headrest Cushions

Cushions are shaped like both hands holding a head.
By supporting both sides of a head, it is possible to hold a head securely.



Headrest Cushion Lifting Function

Headrest elevation mechanism to accommodate patients with round backs. Equipped with a 2-stage (35 mm, 70 mm) elevation mechanism for patients with mild round back (manual operation).



For Assistants



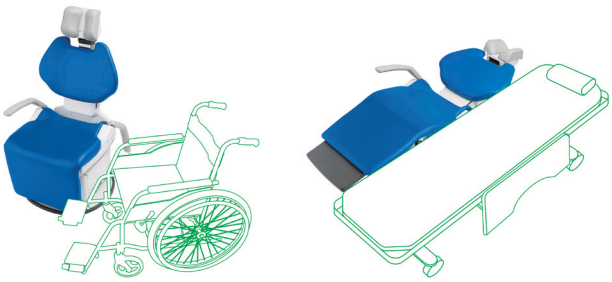
Electric Elevating Casters for Convenient Mobility

Pressing the switch activates the built-in mobile casters to lift the chair. 4-wheeled free casters allow movement in all directions. Layout changes and room-to-room transfers can be easily made.



Swivel Retractable Armrests





Swivel and retractable armrests (both sides) for convenient patient transfers from wheelchairs and stretchers.

Accessories



Wrist Rest

[DR-140R2]



Easily detachable

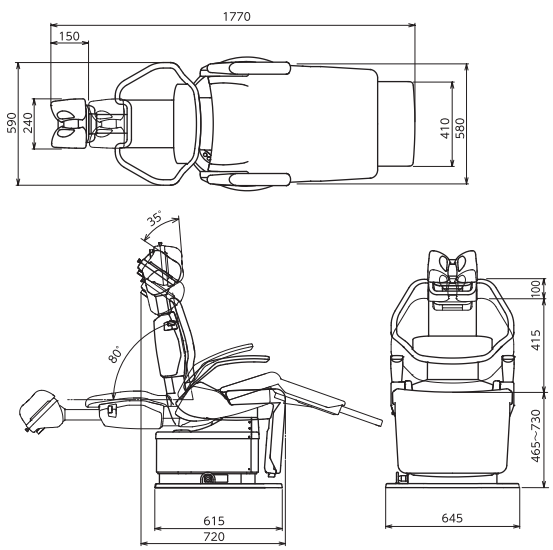


Upper-limb Rest

[DR-140AM1]

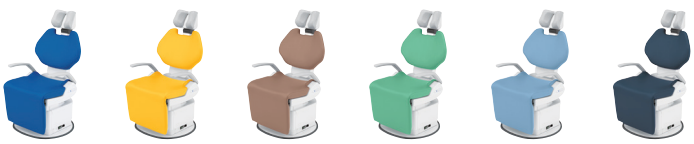
Specifications

(Unit : mm)



Lifting and Lowering the Chair	465-730 mm by Electrohydraulic System
Backrest Angle Range	0-80° by Electrohydraulic System
Backrest Sliding Range	100 mm by Manual Operation
Extending and Retracting the Headrest	150 mm by Electrohydraulic System
Bending Forward and Backward the Headrest	35° by Electrohydraulic System
Locking and Unlocking the Chair	Electrohydraulic System Operated by the Chair Lock / Unlock Switches
Electrical Rating	AC110/120V, 50/60 Hz, 5 A AC220/230/240 V, 50/60 Hz, 3 A
Product Weight	150 kg

Color Selection



ES7 Ocean Blue [Standard Color]
ES2 Lemon Yellow
ES10 Light Brown
ES15 Light Green
ES16 Purple Blue
ES23 Aldo Blue

Belmont https://medical.takarabelmont.co.jp/

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The specifications and colors are subject to change without notice.