

S3

SHOULDER CPM

- *Free linkage anatomic design*
- *Abduction/Adduction, Rotation and*
- *Flexion/Extension range of motion*
- *Dual sequential drives, or single drive unit*
- *In-Chair, Bed, or Portable Setup options*
- *Rechargeable battery operation*
- *Reverse-on-Load safety feature*
- *Sturdy construction*

The S3 is designed to meet the complex demands of a Shoulder CPM by providing several treatment options. Patient safety is the primary consideration of the design.

The S3-D features dual-drives synchronized to achieve sequential motion in internal/external rotation and flexion/extension or abduction/adduction.

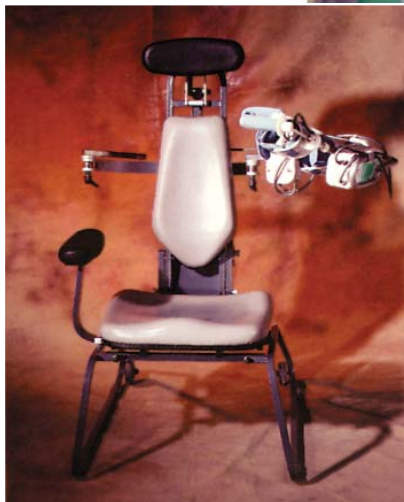
The S3-S is the single-drive configuration of the MultiLink and provides motion in flexion/extension or abduction/adduction only.

Both the S3-D and S3-S model mount to the folding Portable CPM Chair to offer outstanding patient comfort and several adjustment capabilities.

The single-drive, S3-H model is specifically available for attachment to a hospital bed.

A rechargeable Motion Controller with programmable memory allows for easy programming of range of motion.

And for safety, there is a patient On/Off thumb switch, and Reverse-on-Load to reverse the direction of travel should the patient resist motion, or if motion is obstructed.



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Comfort and stability are achieved with the Portable CPM Chair. The Portable CPM Chair also offers several setup and adjustment capabilities.



For immediate post-operative shoulder CPM the S3-H bed mount system is ideal.



The S3 rechargeable Programmable Motion Controller simplifies setting range of motion. The rechargeable battery allows for up to 10 hours of continuous use on a single charge.

Application:

Continuous Passive Motion (CPM) is best applied immediately post-operative and continued, uninterrupted, for up to six weeks as prescribed by the physician.

Clinical results:

Clinical studies have demonstrated the following benefits of CPM:

- Prevention of intra-articular adhesions and extra-articular contractures;
- Improved patient compliance with passive and active therapies;
- Prevention of joint stiffness and maintenance of range of motion;
- Prevention of negative effects of immobilization.

Indications:

Immediate post-operative management after the following where indicated:

- Rotator cuff repair;
- After acromioplasty, particularly where the operation has been repeated and in cases where early physiotherapy cannot be assured;

- Capsulotomy and arthrolysis for post-traumatic arthritis with restriction of motion;
- Following total shoulder replacement;
- Synovectomy for rheumatoid arthritic and hemophilic arthropathy in the absence of acute inflammation, pain or bleeding;
- Arthrotomy and drainage for acute septic arthritis;
- In joint contracture after manipulation.

Contraindications:

Do not use the device if any of the following are present:

- Untreated or uncontrolled infection;
- Unstable fractures.
- Hemorrhage

Note: Upon using the device, it signs of infection such as hyperthermia, fever, redness, irritation, warmth, swelling, bleeding, and/or increased persistent pain are present, discontinue operation of the device and contact the patient's physician. Do not proceed with treatment until the physician has approved continued use of the device.

Ordering information:

	S3-D (Dual Drive)	S3-S (Single Drive)	S3-H (Bed Mount)
S3 complete with chair and mounting accessories:	S3D-200U	S3S-200U	
S3 actuator only with patient kit, motion controller and charger:	S3D-100U	S3S-100U	S3H-100U with bed mount battery
Replacement Patient Kit:	S3-101DS	S3-101DS	S3-101H
Portable Tripod:	S3-105	S3-105	
Adaptor Kit for CPM Chair:	S3-106	S3-106	
Portable CPM Chair:	GE-103	GE-103	

Specifications:

S3 device	S3-D (Dual Drive)	S3-S (Single Drive)	S3-H (Bed Mount)
Weight:	6.4 kg (14 lbs.)	5 kg (11 lbs.)	4.2 kg (9 lbs.)
Ranges of Motion:			
External Rotation	0 to 85°		0 to 85°
Internal Rotation	0 to 85°		0 to 85°
Forward Flexion	0 to 135°	0 to 135°	
Extension	0 to 135°	0 to 135°	
Abduction/Adduction	0 to 135°	0 to 135°	
Rate of Motion:	110° per minute	110° per minute	110° per minute
Battery Life:	8-10 hours	8-10 hours	8-10 hours

Portable CPM Chair GE-103

Weight:	20 kg (44 lbs.)
Maximum Capacity:	147 kg (325 lbs.)
Folded Size:	89 cm x 48 cm x 46 cm (35in x 19in x 18in)
Latex content:	Contains no Latex
Certification:	CSA, CE



In the USA call:
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(1.800.736.8276) to contact your local sales or service representative or visit our web site at:

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