# EnsyStand 7000 magician

Owner's Manual



## Table Of Contents -

Introduction 2
Safety Precautions 3
Assembly4-7
<b>Options</b>
Adjustments11
Usage12
Parts & Options13-24
Health Benefits25
User Log
Specifications
Limited Warranty28

## Introduction -

Congratulations on your purchase of the **EASYSTAND MAGICIAN** seating/standing system! We at Altimate Medical, Inc. have designed the EasyStand Magician with the comfort and happiness of your child in mind.

This manual is an integral part of your seating/standing system and should be read completely and thoroughly by anyone that will be operating the unit. This will ensure that the EasyStand Magician is assembled properly and then used in the most beneficial manner for your child. AMI recommends that an attendant be present when the EasyStand Magician is being used.

Should any problem arise that you cannot solve by reading this manual, please contact your local dealer or call Altimate Medical, Inc. at **1-800-342-8968**.

It is important and necessary that you inspect your EasyStand Magician periodically to assure that it is in safe operating condition. Minor adjustments can be made by the operator. However, replacement of worn parts, major adjustments, or any other important corrections should be handled by an authorized dealer or service center. Only Altimate Medical, Inc. approved replacement parts should be used to ensure safety and performance.

The EasyStand Magician should not be used by any individual with paralysis of either the upper and/or lower body that has been confined to a bed or wheelchair for an extended period of time without first consulting a qualified physician. Failure to consult a qualified physician prior to using the EasyStand Magician could lead to severe medical problems. We recommend that a good standing program be established and supervised by a qualified registered physical therapist. The EasyStand Magician is to be used by individuals ranging from 3'-4'6" in height and weighing up to 100 lbs.

Date Purchased Serial #
-------------------------

## Safety Precautions -

The EasyStand Magician is designed to accommodate *most* individuals from 3'-4'6" (91-137cm) and up to 100 lbs. If you do not meet these specifications and have not been properly fitted a qualified therapist or physician, Altimate Medical Inc. does not recommend that you use the EasyStand Magician.

Altimate Medical Inc. recommends that you consult with your Physician or Therapist prior to starting a standing program.

Check your EasyStand periodically to make sure that all nuts, bolts and adjustable parts are tightened securely.

Never reposition the foot holders while you are in the standing position. Consult with your therapist or doctor for proper foot placement and angle.

If the unit was exposed to temperatures of less than  $50^{\circ}$  F (23.5°C), you must allow the unit to warm up to room temperature before use.

Use body weight to lower the seat. Do not use excessive force.

The EasyStand is for indoor use only.

Violently thrusting backwards in the EasyStand may cause it to tip.

If you ordered casters or the mobile option, you should always put the casters and/or wheels in the locked position before transferring into the EasyStand. Use these locks whenever you want to keep the EasyStand stationary.

Do not use the mobile option on ramps or uneven floors.

Always use the Easystand Magician under adult supervision.

## Assembly ——

1 Place the base onto the floor and lock the casters.

If you ordered the mobile option, open the mobile option box and insert the front drive wheels.



Attach the footplates to the seating system legs. The knobs must face outward. Move the footplates halfway up the legs and tighten the locking knobs.



**3** Place seat assembly onto base. As shown. Tip the seat assembly forward and insert seating system tab into slot.



**4** Push firmly on front of seat assembly to place the seating system tab into the slot.



Make sure tab fits firmly into the frame slot. Insert the bolts from the bag to secure the seating assembly to the base. Tighten securely.

Warning: Failure to bolt unit securely will make the unit unstable and dangerous to the end user.



6 Insert the H-frame into the base verticals.



**7** Place pins into bottom holes to secure H-frame.



**8** Remove the hex bolts from the front pad and attach it to the mounting bracket on the table.

Tighten bolts securely.



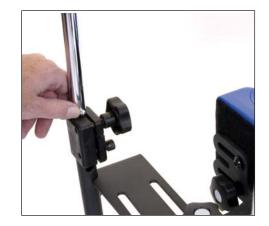
**9** Insert the table into the verticals on the H-frame.



**10** Depress the spring button to continue installation.

The spring button will stop in the maximum height position.

**Note:** There is only one spring button.



**11** Depress the spring button again to lower the table.

Turn the knobs to tighten.



**12** Depress foot button while lifting on handles to adjust to desired position.



## Options —

## Angle Adjustable Table

The angle adjustable table mounts into frame verticals.

Assembly instructions are included with the table.



### **Chest Vest**

Insert straps from chest vest into clips on the back of the unit and tighten as desired



## **Head Support**

Insert head support into bracket behind back. Depress spring button to lower headrest into place.



## **Lateral Supports**

Insert lateral supports into brackets behind back.



## Universal Head Support Receiver

Insert Universal Head Receiver into bracket behind back. Depress spring button to lower into place. Compatible with Whittmeyer®, Otto Bock® and Stealth® headrests.



### **Stroller Handles**

Slide on stroller handles and tighten blots securely.



## **Independent Kneepads**

Place knee brackets onto slots.

Note: Oval washer is placed between knee pad bracket and mounting bracket.



## Table Swing-away Sleeve

Remove H-frame and place swingaway sleeve onto either right or left frame vertical.



## **Mobile Option**

Refer to the assembly instructions that you received with the mobile unit.



## Adjustments

#### **Loosen Knob**

To adjust seat depth and back angle loosen the seat adjustment knob located under the seat.



#### **Back Angle**

While depressing the spring button on the back angle tube, push or pull on the back in the desired directions.



#### **Seat Depth**

Depress the spring button on the square seat depth tube to adjust the seat depth. Push or pull on the back to shorten or lengthen the seat depth.



#### **Match Colors**

After proper seat depth and back angle is set, check unit to be certain that the colors match.

Note: There are three angle positions available for each seat depth setting.

Tighten the seat adjustment knob securely.



## Using your EasyStand-

#### **POSITIONING**

- To lift the child to a standing position, loosen the knobs on the table verticals, lift the table to the approximate height and tighten the knobs. Slide the table forward slightly and tighten the appropriate knobs.
- Press the button on the base of the unit with your foot and lift gently on the handles. You can stop at any position. After the child is standing you can readjust the table as needed. To return to the seated position, press the foot button while gently pushing down on the handles.

#### FOOT HOLDERS

- Consult with your therapist or doctor for proper foot placement and angle.
- Foot holders should be raised/lowered so that the knee is as close to the seat pivot as possible.
- Never reposition the foot holders while the user is in the standing position.
- The foot holders can be independently adjusted in swivel, height, and pivot.
- To adjust the swivel or pivot of the foot holders, loosen the quick adjust handles on each foot holder clamp. When you find the desired foot position, tighten the handles securely.
- To adjust the height, loosen the same quick adjust handle of the foot holder clamp. Tighten securely.

#### **MOBILE OPTION**

- Do not use the mobile option on ramps, uneven surfaces or outdoors.
- Before transferring into the EasyStand with the Mobile Option, make sure that the casters and the push rim locking mechanisms are in the locked position. Use these locks when you want to keep the EasyStand stationary.

#### **KNEE PAD**

• The knee support should be snug when you are in the seated position. Adjust the foot holders so that the user's knees are as close to the seat pivot point as possible. Knee pad can be adjusted in all directions.

(If necessary, the knee pad bracket can be inverted on the frame for further adjustment)

#### **FRONT PAD**

• When in the standing position, the front pad should support your upper body. Adjust the tray height and depth so you feel comfortable. The front pad can also be independently adjusted for proper height and it can be inverted as the adjustment holes are offset allowing further adjustment variations.

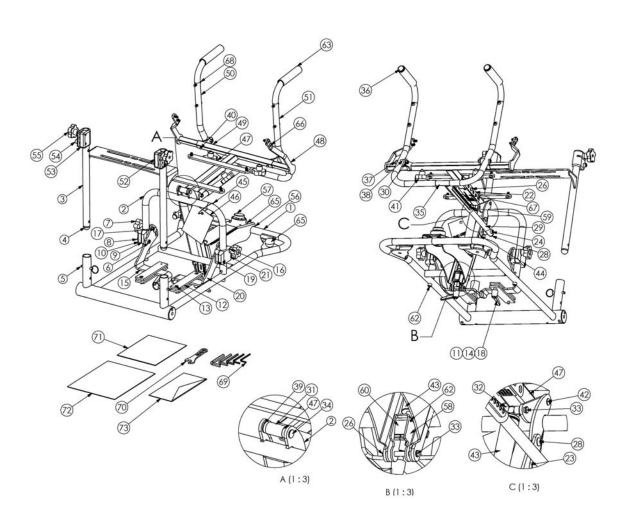
#### **MAINTENANCE**

- Clean the EasyStand with a mild non-abrasive disinfectant or soap and water.
- The covering of the seat, back, knee and headrest may be removed and hand washed in a mild soap and water and air dried. Always use care when removing and replacing fabric covering.
- Check your EasyStand periodically to make sure that all nuts, bolts and adjustable parts are tightened securely.

## Magician Parts Overview -

## 1 7000 BASE UNIT POUCH TOOL CASTER ASSEMBLY FOOT HOLDERS 7000 17 7000 CLEAR TABLE 21 TABLE TILT 7500 22 7000/7500 NO-TABLE OPTION 23 7500 ROYAL BLUE UPHOLSTREY 24 7000 ROYAL BLUE UPHOLSTREY

## Magician Parts Detail-

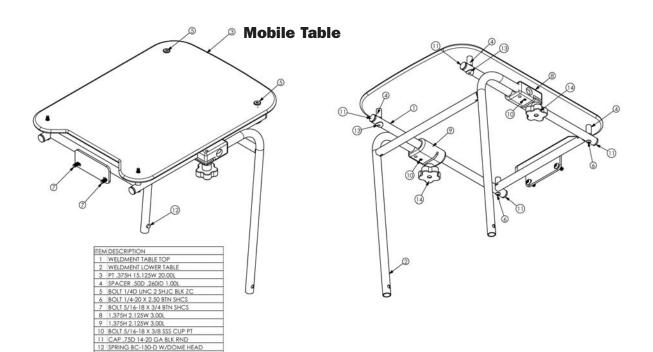


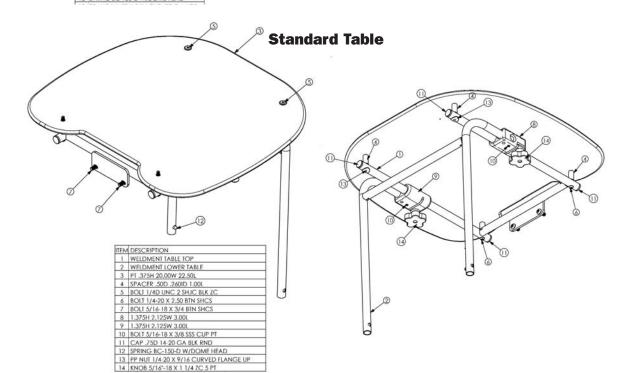
## **Mobile Option**

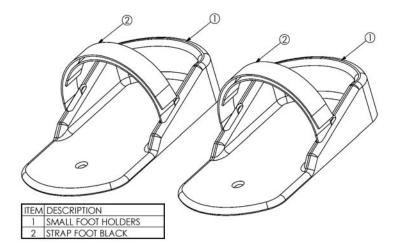
A (1:4)  (1)  (1)
IIEM DESCRIPTION   1   BOLT 3/8-16 X 1-3/4 SHCS   2   1/2-13 LOCKING PLUNGER   3   CAP .1875D 1.062L   4   NUT 1/2-13 JAM 7C NUT   5   CAP 2D 10-14GA BLK   6   MOBILE WHEEL ASSEMBLY   7   PUSH RIM WHEEL ASSEMBLY   8   PT .375H 4.875W 15.875L   9   PT 1.00OD .630ID .961L   10   BOLT 5/8" X 1" SHOULDER BOLT   11   PP NUT 1/2-13 JAM NYL INS L/N   12   BUSHING 1/2" X 7/8" X 18 GA   13   V-BELT V-80 BX54   14   BOLT 1/2-13 X 2 SHCS   15   CASTER 100MM/4" BLK TWIN W/BRK   16   7500 CLEAR TABLE

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	WELDMENT MAGICIAN BASE FRAME	57	MAGICIAN FOOT BUTTON W/8" CABLE
2	WELDMENT SEAT LOOP MAGICIAN	58	TRIGGER RELEASE
3	WELDMENT KNEE MAGICIAN	59	MAG FOLLOWING ARM LABEL
4	CAP 1D 14-23 GA BLK BALL CAP	60	.938H .813W 1.500L
5	.312D 1.500L	61	PIN 1/8 X 1 1/4 SPRING
6	NUT 5/16-18 JAM NYL INS L/N	62	BOLT 3/8-16 X 2 SHCS
7	KNOB 3/8"-16 FEMALE 5PT LRG	63	GRIP 7/8" X 5.00L
8	BOLT 5/16-18 X 1-3/4 SHCS	64	BOLT SELF-TAP #10 X 3/4 PAN HD
9	PT .750H 2.00W 2.50L	65	KNOB 1/2-13 FEMALE BALL BLK
10	PT .750H 2.00W 2.50L	66	BOLT 5/16-18 X 3/4 BTN SHCS
11	NUT HEX JAM 1/4"-20 UNC	67	SERIAL NO LABEL
12	.250H 1.50W 6.50L	68	BOLT 5/16-18 X 1-1/4 BTN SHCS
13	BOLT 1/4-20 X 1 1/8 FSHCS	69	UNIVERSAL TOOLKIT
14	WASHER 3/16 USS WASHER ZC	70	TOOL MULTI-WRENCH
15	PT 6.55H 5.728W 5.875L	71	MANUAL 7000 MAGICIAN
16	WASHER 5/16 USS WASHER ZC	72	WARRANTY REGISTRATION CARD
17	3/8-16UNC X 2.50L CARRIAGE BOLT	73	WARRANTY ENVELOPE
18	KNOB 1/4"-20 FEMALE QUICK ADJ.		
19	PT .750H 2.00W 2.500L		

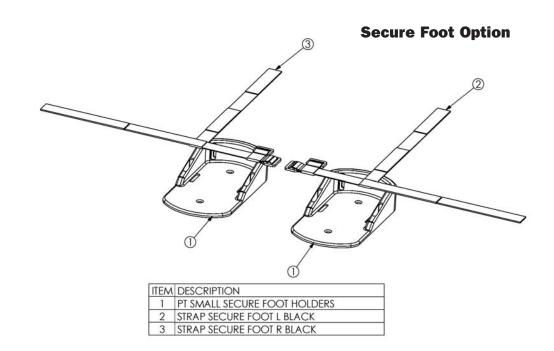
4	CAP 1D 14-23 GA BLK BALL CAP
5	.312D 1.500L
6	NUT 5/16-18 JAM NYL INS L/N
7	KNOB 3/8"-16 FEMALE 5PT LRG
8	BOLT 5/16-18 X 1-3/4 SHCS
9	PT .750H 2.00W 2.50L
10	PT .750H 2.00W 2.50L
11	NUT HEX JAM 1/4"-20 UNC
12	.250H 1.50W 6.50L
13	BOLT 1/4-20 X 1 1/8 FSHCS
14	WASHER 3/16 USS WASHER ZC
15	PT 6.55H 5.728W 5.875L
16	WASHER 5/16 USS WASHER ZC
17	3/8-16UNC X 2.50L CARRIAGE BOLT
18	KNOB 1/4"-20 FEMALE QUICK ADJ.
19	PT .750H 2.00W 2.500L
20	PT 6.55H 5.728W 5.875L
21	PT .750H 2.00W 2.50L
22	MAG SEAT DEPTH LABEL
23	PT .500H 1.00W 3.150L
24	BOLT 3/8" X 1" SHOULDER BOLT
25	E-RING 5/16" E-STYLE ZP
26	
27	SPRING RD-2195 W/DOME HEAD BOLT 5/16-18 X 1/2 BTN SHCS
28	CAP .75D 14-20 GA BLK RND
29	PT .75D 16G 13.250L
30	NUT 5/16-18 NYL INS L/N HIGH
31	PT .780D .375ID 1.25L
32	SPACER .500D .300ID .340L
33	PIN .312D 2.188L CLEVIS
34	BOLT SEX 1/4-20 X .375 X 2.093 BARREL
35	WELDMENT BACK PIVOT
36	CAP .875D 14-20 GA BLK RND
37	BOLT 3/8" X 1 1/4" SHOULDER
38	WASHER .875 OD .375 ID COVED
39	WASHER 3/8"ID X 3/4"OD NYLON BLACK
40	SPRING BC-150-D W/DOME HEAD
41	KNOB 5/16"-16 X 5/8 ZC 5 PT
42	BOLT 1/4-20 X 5/8 BTN SHCS
13	GAS CYLINDER-400 NEWTON
44	LABEL .875W 7.75L MAGICIAN
45	SNAP TIE 5" LG
46	LABEL END USER INFO
47	WELDMENT SEAT
48	WELDMENT HIP SUPPORT
49	WELDMENT A-B CROSS TUBE
50	PT .875D 18G 7.125H 5.OOW 18.125L
51	PT .875D 18G 7.125H 8.00W 18.125L
52	1.375H 2.125W 2.50L
53	1.375H 2.125W 2.50L
54	BOLT 3/8-16 X 1-1/4 SHCS
55	KNOB 5/16"-18 X 1 1/4 ZC 5 PT
	1776001

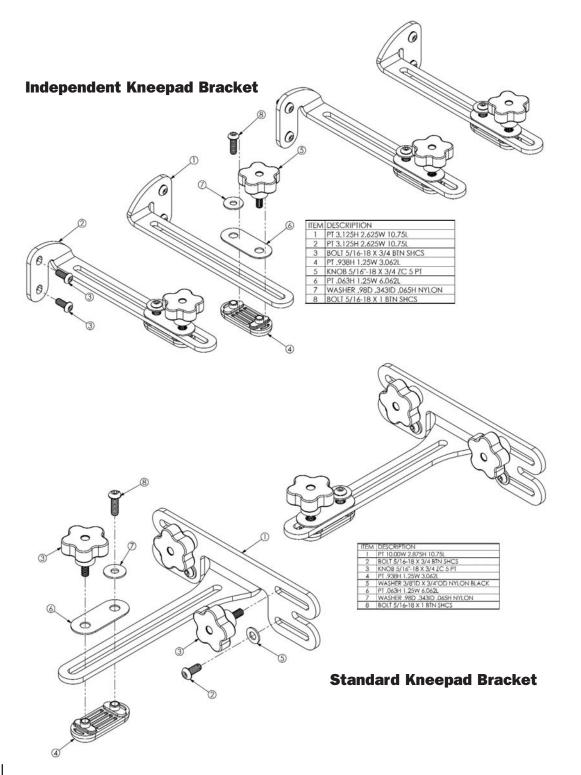


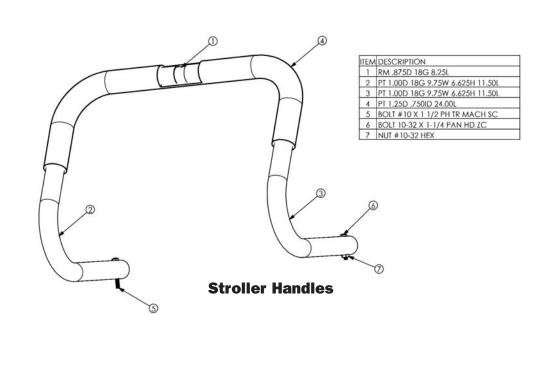


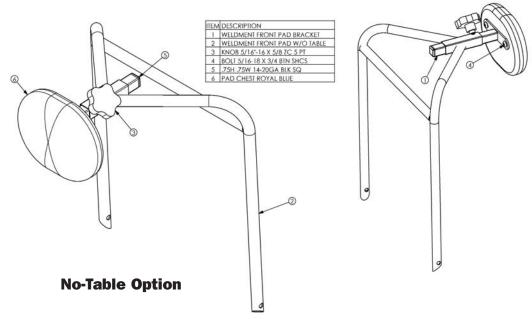


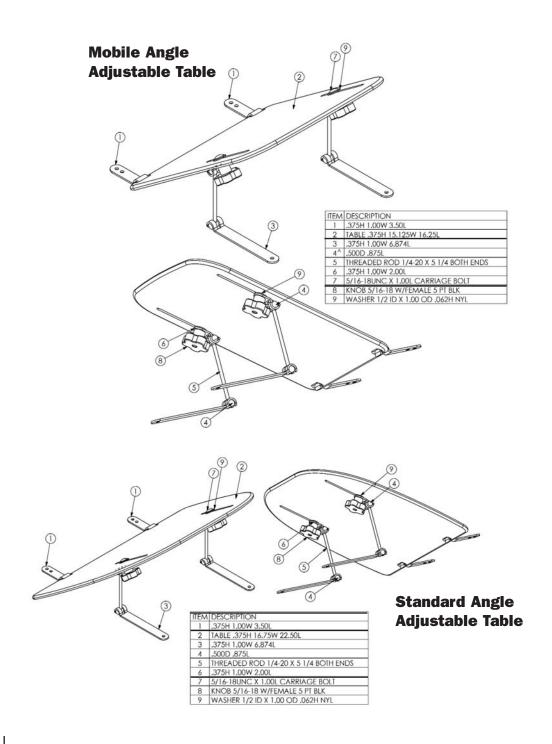


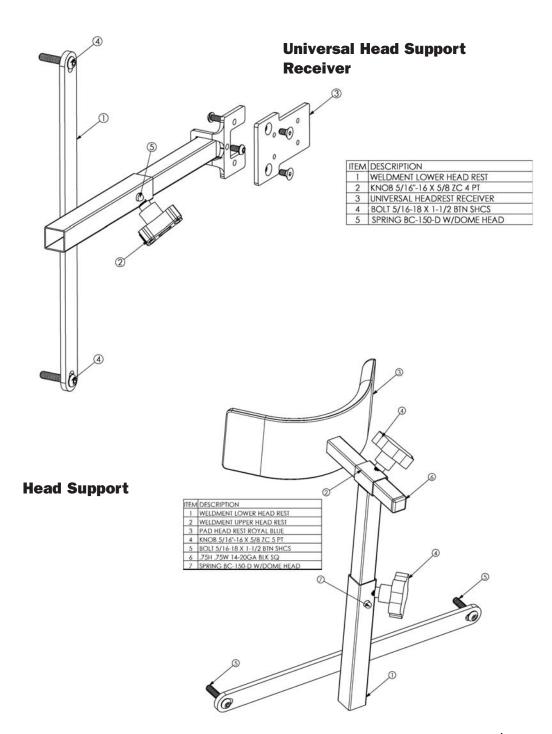


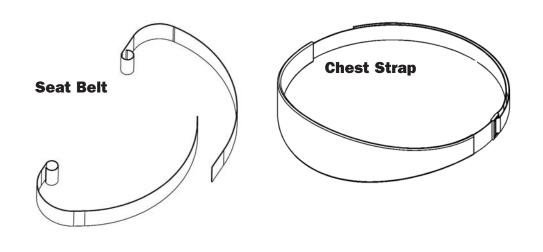


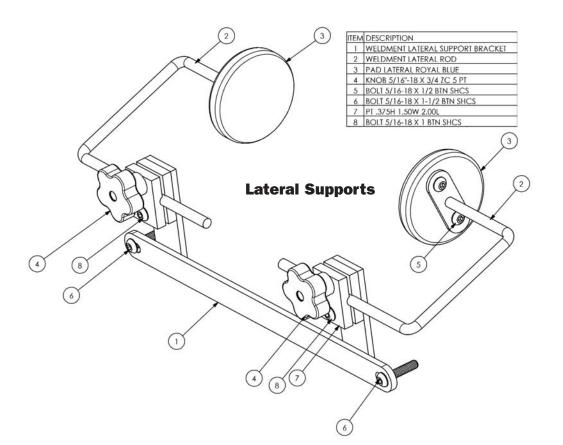




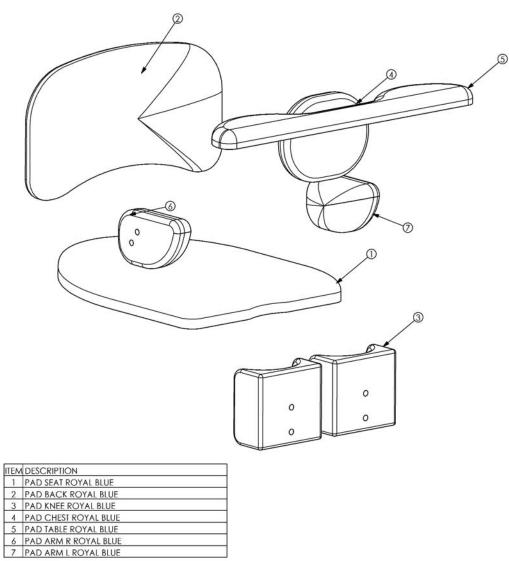








## **Upholstery**



1	PAD SEAT ROYAL BLUE
2	PAD BACK ROYAL BLUE
3	PAD KNEE ROYAL BLUE

## IMPROVED HEALTH THROUGH STANDING Improved trunk strength and balance Natural alignment of internal organs Improved renal & bowel function Sustained ROM decreases spasticity allowing for improved positioning and comfort Strengthen cardiovascular and respiratory systems Range of motion (spine, hips, knees, ankles) to prevent contractures Pressure relief through changing positions

Client Name	Date	Start Time	End Time	Total Time

## Specifications -

Height Range	3'-4'6"	91-137cm
Weight Limit	100 lbs.	63kg
Seat Depth Range (from front of seat)	11"-17"	28-43cm
	19"	40
Seat Height from Floor (transfer height)	19	48cm
Seat to Footplate Range	9"-15"	23-38cm
Table/Frontpad Depth Range (from front of seat)	5"in - 6"out	13-15cm
Kneepad Depth Range (from front of seat)	3"-10.5"	8-27cm
Kneepad Width Range	6"-9.5"	15-24cm
Back Height from Seat	11"	28cm
Side Support Width Range	6.5"-12"	16-30cm
Base Dimensions	22"x33"	56x84cm
Weight of Basic Unit	86 lbs.	39kg
Frame Color	Black Powder (	Coat
Standard Upholstery Color	Royal Blue	
Desk Table Dimensions (7000)	20"x22"	51x56cm
Desk Table Dimensions (7500 mobile unit)	15"x20"	38x51cm

## Limited Warranty

This warranty is extended only to the original purchaser/customer (or dealer non consumer who does not buy or resell). Altimate Medical, Inc. (AMI) warrants the EasyStand Magician against defects in materials and workmanship as listed below.

- Steel Frames 5 year warranty
- Gas Spring 2 year warranty
- Upholstered components, plastic pads, rubber parts, painted surfaces, bearing and other parts not specifically identified above - 90 day warranty

The warranty period commences for the consumer on the purchase date from the seller/dealer. If the product is rented or otherwise not sold to a consumer, the warranty period commences from the date of invoice from AMI. Any product proven to AMI satisfaction to be defective and within warranty period shall be repaired or replaced at AMI's option. AMI'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE LIMITED TO SUCH REPAIR AND/OR REPLACEMENT. This warranty does not include any labor charges incurred in replacement parts installation. Freight charges to factory are at the expense of consumer to seller. For warranty service, please contact the authorized dealer from whom you purchased your AMI product. In the event you do not receive satisfactory warranty service, please write directly to AMI at the address below. Do not return products to our factory without prior authorization. LIMITATIONS AND EXCLUSIONS: The foregoing warranty shall not apply to serial numbered products if the serial number has been removed or defaced. Products subject to negligence, abuse misuse, improper operation, improper maintenance, improper storage, or damages beyond AMI's control are not covered by this warranty, and that evaluation will be solely determined by AMI. The warranty shall not apply to problems arising from normal wear or failure to follow instructions. The warranty will be void if parts not manufactured by AMI or parts not complying with original equipment specifications are added to an AMI product. THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. AMI SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

AMI maintains a policy of continual product improvement and reserves the right to change features, specifications, and prices without prior notification. Check with AMI for latest information.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. AMI SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

AMI maintains a policy of continual product improvement and reserves the right to change features, specifications, and prices without prior notification. Check with AMI for latest information.

Altimate Medical, Inc., 262 W. 1st St., P.O. Box180, Morton, MN 56270 Phone: 507 • 697 • 6393 Fax: 507 • 697 • 6900 1 800 • 342 • 8968 www.easystand.com info@easystand.com Revised August 2003

#### **Environmental Issues**

After life of the product:

- Recycle in accordance with the recycling codes of your country.
- Recycle all metal parts.
- Plastic parts should be disposed of or recycled according to the directive in your country.
- Please inquire at your local disposal management and recycling center for local codes.
- Return hydraulic actuator to Altimate Medical, Inc.



EasyStand products are manufactured by Altimate Medical, Inc. A small company with a big heart, based out of Morton, Minnesota. Altimate Medical has been helping people stand for over ten years and is now the number one standing company in the world. If you have any stories or comments about standing please write us at the address below. Thank you.

## **Altimate**Medical

P.O. Box 180 262 West 1st St Morton, MN 56270

Toll Free: 800.342.8968 or 507.697.6393 Fax Free: 877.342.8968 or 507.697.6900

email: info@easystand.com www.easystand.com

