MARCO
THE LEADER IN VISION DIAGNOSTICS™

CHAIRS AND STANDS
INSTALLATION
&
OPERATING MANUAL

This manual contains installation and operating instructions for the following units:

Deluxe Stand	Product Number 1207
Bravo Stand	Product Number 1275
Marco Tilt Chair	Product Number 1262
Encore Chair	Product Number 1280 (Manual)
Encore Auto Chair	Product Number 1220 (Automatic)

Contents

Introduction

Section 1

1.1 OUTLINE OF THE INSTRUMENTS

The Marco series of Chairs and Stands are the result of many years of extensive product research and engineering.

This manual provides information on installation, operation and other pertinent information regarding operational safety, general care and maintenance. Please utilize this detailed information or contact your authorized Marco distributor for technical support, parts and service.

1.2 CLASSIFICATIONS

[Form of protection against shock]

The Marco Chairs and Stands are Class 1 devices. A Class 1 device is an instrument in which protection against electric shock does not rely solely on basic insulation. A Class 1 device includes additional safety precautions that provide for connection of accessible conductive parts to a protective earth grounding terminal.

[Degree of protection against liquid entry]

Marco Chairs and Stands are classified as normal devices, and as such provide only minimal protection against liquid intrusion. The enclosures of all Marco Chairs and Stands are not completely waterproof. Avoid immersion of any type.

[Degree of protection against flammability]

Marco Chairs and Stands are classified as devices not suitable for use in a potentially flammable environment; therefore do not operate the device near flammable type materials.

1.3 SYMBOL INFORMATION

This symbol indicates that the device is classified as a type B device.

This warning symbol on the body of the unit indicates that normal precautions should be taken. Please refer to the operator's manual before operating the unit.

POWER This indicates the power on and off switch.

T10L250V This symbol indicates the proper fuse ratings of the device.

DANGER - Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING - Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION - Indicates a potentially hazardous situation which, if not avoided may result in minor or moderate injury or property damage.

1.4 UNPACKING

All Marco Chairs and Stands are shipped in individual containers with all Chairs and Stands packaged the same respectively. The unit comes complete with tools for installation, and all accessories necessary for assembly of the basic unit. (Optional items are shipped separately.) The simplest method of unpacking is to place the shipping container in the general area where the unit is to be used. **Ensure the area for placement is level.** Remove the strapping material from the crate.

Cut the shipping straps and lift the carton straight up from the wooden base and turn it upside down. Carefully check for any items, which may still be connected or lodged inside of the shipping carton. Carefully remove the protective coverings and place them in an area where they will not present a slip hazard. Unpack the installation tools and accessory boxes for easy access during assembly. After removing the wood anchor slats slide the unit off the wooden base onto the floor.

1.5 SPECIFICATIONS

1) Power Source: AC 120V (+/- 10%) 50/60Hz
2) Fuse Ratings:

Model 1207:

a) T10L250V (2 REQ'D)
b) T5L250V
c) T1L250V

Model 1275:

a) T10L250V (2 REQ'D)

Model 1262/1280/1220:

a) T8L250V = Mains 8 amp fuse (2 REQ'D)

3) Product Weight:

Model 1207:
a) Gross Weight = 146 kg (322 Lbs)
b) Net Weight = 120 kg (264 Lbs)

Model 1275:
a) Gross Weight = 144 kg (318 Lbs)
b) Net Weight = 118 kg (260 Lbs)

Model 1220/1280:
a) Gross Weight = 140 kg (309 Lbs)
b) Net Weight = 115 kg (254 Lbs)3

Model 1262:
a) Gross Weight = 160 kg (353 Lbs)
b) Net Weight = 116 kg (256 Lbs)

SAFETY

Section 2

CAUTION

- Never disassemble or tamper with the inside of the instrument. This may result in electrical shock or instrument malfunction.

- Be sure the electrical outlet meets the power requirement specification of the instrument. If the voltage is too high or too low, it may affect the performance of the instrument and may start an electrical fire.

- Always remove the cord from the electrical outlet by holding the plug. Never pull on the cord, this can damage the internal wires and may result in a short circuit, electric shock or a fire.

- If the internal wires of the power cord are exposed, the power to the instrument will be inconsistent or the plug will become extremely hot, indicating internal damage to the cord. If this occurs, remove the cord from the outlet immediately and contact Marco or you're nearest authorized distributor. Otherwise the cord may cause an electric shock or fire.

- Do not crush or squeeze the power cord with heavy objects or furniture. If the power cord is damaged, it may cause electric shock or fire.

- Clean between the prongs of the power plug using a dry cloth every couple of months. If the plug is exposed to moisture or excessive dirt builds up on the prongs, a short circuit or fire could result.

- If you observe strange odors or smoke being emitted from the instrument, turn **OFF** the instrument, disconnect the power cord immediately and contact Marco or your authorized distributor.

- The instruments have been tested and found to comply with the limits for medical devices to IEC 60601-1 standards. These limits are designed to provide reasonable protection against harmful interference in a typical medical installation. These instruments generate, use and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If interference does occur, which can be determined by turning the instruments off and on, the following suggestions are provided to the user to correct the interference:
  - Reorient or relocate the receiving device.
  - Increase the separation between the instruments.
  - Connect the instrument to an outlet on a circuit different from that to which the other device(s) are connected.
  - Consult the manufacturer or field service technician for help.

NOTE

- Preferred Storage Conditions:
  Temperature: 10°c-40°c
  Humidity: 30% - 85%

- Do not store the instrument in a place where it may be exposed to moisture or toxic chemicals.
- Avoid storing the instrument in an area with excessive heat, humidity or dust. To preserve the
Appearance of the instrument and avoid placing in direct sunlight.

2.1 EMC (Electro Magnetic Compatibility)

The Electro Magnetic Compatibility Directive sets the essential requirements for electrical and electronic equipment that may disturb or even be disturbed by other equipment. The Marco Chairs and Stands covered in this manual comply with these requirements as tabled below. Follow the guidance on the tables for use of the devices in the electromagnetic environment.

EMC (IEC 60601-1-2:2014)

Note: Medical instruments require special precautions regarding EMC (Electro-Magnetic Compatibility). Install and use this instrument in accordance with the EMC information provided below.
Note: Mobile and portable Radio Frequency (RF) communication devices may interfere with the operation of the medical instruments.
Note: Do not use The Marco Chairs and Stands by positioning it next to or stacking it on other equipment. When using Marco Chairs and Stands in such ways, confirm the following in that situation: ・All operations according to " 6. "
Note: The Marco Chairs and Stands are designed for use in an environment of professional healthcare facility.
Warning: Portable RF communication equipment (including peripheral equipment such as antenna cable and external antennas) should be used at least 30 cm (12 inches) away from any part of the Marco Chairs and Stands including the cables specified by the manufacturer. If not, it may cause malfunction or deterioration of the performance of this equipment.

GUIDANCE AND MANUFACTURER'S DECLARATION ON ELECTROMAGNETIC EMISSIONS		
The Marco Chairs and Stands are intended for use in the electromagnetic environment specified below. The customer or the user of the Marco Chairs and Stands should assure that it is used in such an environment.		
Emissions Test	Compliance	Electromagnetic Environment - Guidance
RF emissions CISPR 11	Group I	The Marco Chairs and Stands uses RF energy only for its internal function; its RF emissions are extremely low, and will not cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The Marco Chairs and Stands are suitable for use in all establishments including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies (Over 200V)	

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The Marco Chairs and Stands are intended for use in the electromagnetic environment specified below. The customer or the user of the Marco Chairs and Stands should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8kV contact ± 15kV air	± 8kV contact ± 15kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient / burst IEC 61000-4-4	± 2kV for power supply lines ± 1kV for input & output cables	± 2kV for power supply lines ± 1kV for input & output cables	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1kV differential mode ± 2 k V common mode	± 1kV differential mode ± 2kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions, and voltage variations on power supply input lines IEC 61000-4-11	<5%U_T (>95% dip in U_T) for 0.5 cycle	<5%U_T (>95% dip in U_T) for 0.5 cycle	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Marco Chairs and Stands requires continued operation during power mains interruptions, it is recommended that the Marco Chairs and Stands are powered from an uninterruptible power supply or a battery.
	<5%U_T (>95% dip in U_T) for 1 cycle	<5%U_T (>95% dip in U_T) for 1 cycle	
	70%U_T (30% dip in U_T) for 25 cycles	70%U_T (30% dip in U_T) for 25 cycles	
	<5%U_T (>95% dip in U_T) for 5 seconds	<5%U_T (>95% dip in U_T) for 5 seconds	
Power frequency (50/60Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Note: U_T is the A.C. mains voltage prior to application of the test level.

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The Marco Chairs and Stands are intended for use in the electromagnetic environment specified below. The customer or the user of the Marco Chairs and Stands should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz ~ 80 MHz	3 Vrms	Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey a, should be less than the compliance level in each frequency range b. Interference may occur in the vicinity of equipment marked with the following symbol: 
	6 Vrms Within ISM Band	6 Vrms	
Radiated RF IEC 61000-4-3	3 V/m 80 MHz ~2.7 GHz	3 V/m	
	27 V/m 385 MHz	27 V/m	
	28 V/m 450 MHz	28 V/m	
	9 V/m 710 MHz 745 MHz 780 MHz	9 V/m	
	28 V/m 810 MHz 870 MHz 930 MHz	28 V/m	
	28 V/m 1720 MHz 1845 MHz 1970 MHz	28 V/m	
	28 V/m 2450 MHz	28 V/m	
	9 V/m 5240 MHz 5500 MHz 5785 MHz	9 V/m	

Note: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a Field strength from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Marco Chairs and Stands are used exceeds the applicable RF compliance level above, the Marco Chairs and Stands should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Marco Chairs and Stands.

b Over the frequency range 150 KHz to 80 MHz, field strengths should be less than 3 V/m.

STANDS

Section 3

3.1 INSTALLATION

CAUTION: ELECTRICAL SHOCK HAZARD. DO NOT APPLY POWER TO ANY PRODUCT UNTIL ALL ASSEMBLY AND INSTALLATION STEPS ARE COMPLETED. DO NOT OPERATE ANY PRODUCT UNLESS IT IS FULLY ASSEMBLED WITH ALL STANDARD ACCESSORIES AND COVERS IN PLACE.

For the Deluxe and Bravo Stands, find the instrument support pole and locate a positioning notch in one end. This is the bottom of the pole, which fits into the top of the stand. Remove the upper back panel to expose the two hex locking screws in the main casting.

Before installing the pole, feed the lamp cord and its attached wire through the instrument pole ensuring that the wire and cord can be grasped and pulled taut while inserting the pole into the stand to prevent cutting the lamp cord. Leave the lamp cord hanging out of the top of the support pole for later connection of the overhead lamp. When inserting the pole into the stand, the overhead lamp stopper screw that is located near the top of the pole should be positioned away from the chair. Next, align the positioning notch in the pole with the dowel pin inside the stand. Tighten the two locking hex socket set screws **firmly** and replace the cap, tightening its hex socket set screws. (Remove the overhead lamp stopper screw near the top of the pole and reserve for installation of the overhead lamp.)

The Refractor arm may now be mounted onto the instrument support pole by simply threading the excess lamp cord through the arm mounting hole and sliding the arm into its respective position. NOTE: If the optional Accessory Tray is to be used, mount it first. Correct positioning of the arm would be to rotate the collar (bottom of the arm) to a position where the hex socket set screw is facing away from the chair. **Note: Do not cover the exposed hole to route cables**. Tighten the hex socket set screw to secure the arm. Correct position of the refractor arm is to have the split at its base facing the rear of the stand. Tighten the single hex socket bolt. (Do not over tighten.) The tightening knob for the arm should be found in the arm's packaging and screwed into its respective hole.

The overhead lamp may now be plugged in. Slip the excess cord inside the support pole and slide the lamp base into the top of the pole.

Swing the overhead lamp to a position where it is centered over the chair position and install the reserved stopper screw. **Caution: Care should be taken to make sure the wires are not pinched when putting the lamp base into the pole. To prevent VOIDING the warranty you MUST loosen all of the lamp arm tension screws prior to attempting to position the lamp for use. Tighten the tension screws only enough to hold position.**

NOTE: For correct use, it is necessary that this manual, in particular the safety precautions and operating procedures section, be thoroughly understood before using the instrument. If you encounter any problems or have questions about the instrument during use, please contact your authorized distributor.

To counterbalance and operate the lower arm, first remove the lower rear panel of the stand by unscrewing four or six cross head screws **CAUTION: ELECTRICAL SHOCK HAZARD: Make certain that the power cords are not connected.** Electrical wires are connected to the rear panel and the stand; please use caution not to completely separate the rear panel from the stand. Pull the panel away and lean it against the stand without damaging the paint. Remove the shipping hex socket screws (painted red) located in the left and right vertical alignment pole directly above the last counterweight. **CAUTION; PHYSICAL INJURY HAZARD: Do not at any time place fingers or hands into the locking mechanism of the unit or past the counterbalance weights.**

Determine the approximate weight of the instrument to be mounted on the lower arm. Most of the counterweights for counter balancing the lower instrument arm for a slit lamp are already installed. Adjustment to the counterbalance of the lower instrument arm is accomplished by placing the appropriate counterweights on top of the large counterweight inside the main unit. **CAUTION; PHYSICAL INJURY HAZARD; Do not operate the lower arm before properly installing the counterweights and mounting an instrument.**

Mount the desired instrument on the lower arm. If the instrument on the lower arm does not seem level, it is adjustable by the three screws located at the end of the lower arm. Loosen one and tighten the other until the instrument is level. Make sure that all three screws are tight after completion. Vertical movement of the arm is accomplished by depressing and holding the round "RELEASE" button on the front of the arm, and gently moving the arm up or down.

Proper counterbalance is obtained when a little less effort is required to pull the arm up than when being pushed down. When proper position is reached releasing the "RELEASE" switch will re-lock the arm. **Do not release the "RELEASE" switch while the arm is in motion.** This will lock up the arm requiring intervention by trained service personnel.

The arm operates only when the "Main" power switch is on.

NOTE: The standard electrical outlet on the lower arm accommodates most standard plugs. If mounting an Ultra M Series Slit Lamp, a "hidden " plug is located behind the backside of the arm. Loosen two screws and remove plate to access and plug the slit lamp directly into this plug.

CAUTION

- Be sure to use a power outlet equipped with a grounding terminal in order to avoid electrical shock or fire in the event of a power leak.
- Be sure the plug is securely in place in the outlet. Insecure connections may affect the operation of the instrument or create a fire hazard.
- When moving the instrument to a different location, seek assistance because the instrument is too heavy for one individual to move.

3.2 OPERATION

The model 1207 Deluxe Stand console panel includes fingertip controls for operating the Marco Stand as well as any Marco Chair. The "Power" pushbutton switch located on the console activates the electrical power for the entire unit. The switch has an indicator light that illuminates when in the "on" position **(Note; Model 1275 Bravo Stand has a primary "POWER" switch and a LAMP rheostat only.** The on/off and illumination intensity of the overhead lamp may be controlled from the console by adjusting the dimmer switch knob on the left labeled LAMP. The on/off can also be controlled by the switch located on the top of the overhead lamp. The right knob on the console labeled INDIRECT is a rheostat that controls the Hubbell outlet marked "B.P." in the rear of the stand (please see "Instrument Wells" section).

Depressing the appropriately labeled switches on the console can control the elevation and Auto-return of the Marco Chair.

ELECTRICAL RECEPTACLES - The rear panel of the instrument stand has two 115 volt, 60HZ grounded electrical receptacles.

CAUTION Electrical Hazard Warning

Only standard ophthalmic instruments may be plugged into the two 115VAC electrical receptacles located on the back panel of the instrument stand. Any other use is strictly prohibited.

INSTRUMENT WELLS - The three instrument wells located below the console will accommodate all standard popular hand-held instruments. The hand-held instruments will recharge at 3.5 volts when placed in the instrument wells Their on/off status is indicated by a green led below each well. Be sure to completely push the hand-held instrument into the well so that complete contact is made with the recharging contact elements. To use the well for storage of a non-rechargeable instrument, insert one of the black spacers provided to prevent contact with the recharging elements. **NOTE: The Model 1275 Bravo Stand has two of the above referenced Instrument Wells.**

CAUTION; ELECTRICAL SHOCK. FIRE HAZARD; THE INSERTION OF ANY METALLIC OBJECT INTO A WELL WITHOUT A BLACK SPACER WILL CAUSE A SHORT CIRCUIT AND CAUSE THE 1 AMP FUSE TO OPEN.

The instrument stand will accommodate one corded instrument by using the outlet labeled "B.P." located on the upper, rear panel of the stand. Desired voltage may be selected by turning the selector screw located near the outlet. The rheostat knob labeled INDIRECT on the console controls the Indirect outlet from off to full selected voltage level. (Use Hubbell Plug Male HBL7465V to connect instruments.) Feature not available on the model 1275 stand.

CHAIRS

Section 4

4.1 TILT CHAIR

To install the calf pad cushion, align the bottom of the cushion with the frame of the chair and press the cushion into place engaging the Velcro fasteners.

Next, install the back cushion by sliding into position so that the clips at the upper portion of the cushion engage the top portion of the chair back. The back cushion should be pushed back and up hard into the chair frame.

The seat cushion is attached by sliding the rear of the cushion all the way against the bottom of the back cushion with the front of the seat cushion slightly elevated. Then while pushing firmly to the rear lower the front of the seat cushion and press down sharply to engage the spring clips at the front under edge of the seat cushion with the chair frame.

The elevation of the Tilt Chair is controlled by a corded foot pedal and by fingertip control switches located on both sides of the chair back. Also incorporated with the fingertip control switches are an automatic return switch and a stop switch. Depressing the stop switch will immediately stop its downward travel.

A push button switch located inside both rear reclining handles controls the reclining mechanism. Depress the switch while grabbing the handle and recline the chair. After the chair has been stopped in the desired position, release the switch to re-lock the chair. To bring the chair back to its original position, depress the switch and pull the chair back up releasing the switch when the chair is in the desired position.

To rotate the chair, simply raise the rear foot rotation lock up and rotate as needed. To lock the chair in a desired position, gently push the rotation lock back down with your foot.

SAFETY FEATURE: There is a “Tilt Lock Disable Switch” located at the upper rear of the chair back, below the headrest bracket attachment point. When engaged, the Tilt control switches on the handles will not operate preventing unauthorized or accidental release of the Tilt mechanism.

4.2 ENCORE MANUAL CHAIR

The Encore Manual Chair elevation and Auto-return is controlled by a corded foot pedal and fingertip control switches located on each side of the chair back.
Handles located on each side of the chair back control the reclining mechanism for the Encore Manual Chair. Grasp and squeeze either handle to release the lock and recline the chair back and bring the calf pad – footrest section up.
Release the locking handle to re-lock the chair. To rotate the Encore chair, raise the foot rotation lock located at the bottom rear of the chair. Simply push back down to re-lock the chair.

4.3 ENCORE AUTOMATIC CHAIR

The Encore Automatic Chair has all of the features of the Encore Manual Chair but has a powered recline mechanism operated from fingertip control switches on each side of the chair back and a corded footswitch. An additional difference is the programmability of the powered recline feature. The following programming options instructions will explain the features.

Programming Options

The Encore Automatic Chair also has the capability of programming a pre-set recline position and a safety feature which deactivates the entire switch panel.

To program the Encore Automatic Chair to stop in a specific position, recline the chair to the desired position and press STOP. To lock that position into memory, "dial in" the memory setting by using the memory dial located underneath the chair (right front). Rotate the knob until the LED is illuminated (indicating memory recognition). Return the chair to its normal upright position. To recline the chair to its "memory stop" press the STOP switch and then immediately press the TB switch (these memory switches are isolated by the yellow colored outline on the switch membrane panel). The chair will automatically recline to the programmed recline position.

To activate the "safety" feature and "disarm" the switch panel, simply press the green "Disarm" button, which is located below the memory dial. The illuminated switches will shut off, signaling the activation of the "Disarm" switch. Pressing the "Disarm" button again will re-activate the switch panel.

CARE & MAINTENANCE

Section 5

CAUTION: ELECTRICAL SHOCK HAZARD AND PHYSICAL INJURY HAZARD; THERE ARE NO USER SERVICEABLE PARTS INSIDE OF THE PRODUCTS. REFER ALL SERVICE TO QUALIFIED MARCO AUTHORIZED DISTRIBUTOR TECHNICIANS.

The stand base cover is made of high durability vacuum formed plastic in order to resist daily scuffing and dirt. The surfaces may be cleaned with standard household water based cleaner. **IMPORTANT: Disinfection/Sterilization is not required. Do not use any solvent, hydrocarbon based or alcohol based cleaners on any surface of the products. Mild detergents or water-based cleaners can be used. Do not soak surfaces. Apply and remove cleaners with a damp soft cloth only.**

It is recommended that the unit always be kept clean and dust free to help assure a trouble-free service life.

Fuses: (Note: All fuses are 5X20mm size and available locally)

For Model 1207 Instrument Stand, there are four fuses located in the rear panel of the stand. Two 10-amp fuses, T10L250V, control the main electrical system; a 1-amp fuse, T1L250V, controls the charging system, and one 5-amp fuse, T5L250V, for the counter-balanced slit lamp arm release circuit. These can be easily replaced with standard fuses.

For Model 1275 Instrument Stand, there are two fuses located on the rear panel of the stand. Both fuses are 10-amp, T10L250V, and control the main electrical system.

For Models 1220/1280/1262 Chairs there are two 8-amp fuses, T8L250V, located on the rear of the base.

Safety:

If the instrument will not be used for an extended period, disconnect the power plug from the outlet. If the instrument is covered with dust or takes on moisture, it may create a fire hazard.

There are no user serviceable parts inside of the equipment. Service should be referred to qualified personnel. If service is required, contact an authorized Marco Distributor.

Maintenance:

These products should be professionally maintained on a regular basis to provide safe and effective operation. An authorized Marco Distributor should be contacted for routine maintenance at least every 24 months.

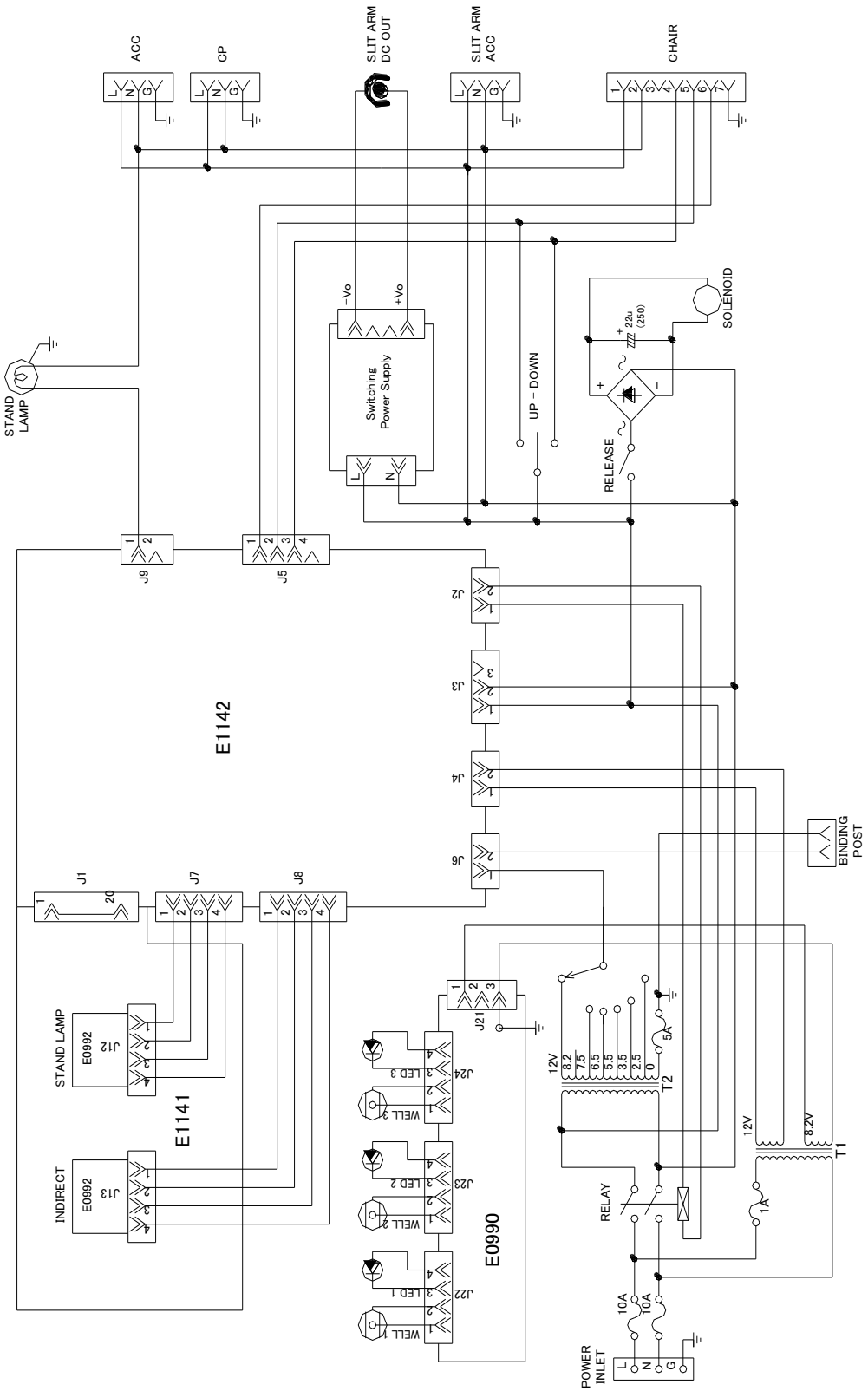
DANGER: FAILURE TO FOLLOW THE INSTRUCTION BELOW CAN RESULT IN SERIOUS PERSONAL INJURY.

If at any time any part of the equipment does not operate properly you should immediately contact an authorized Marco Distributor for corrective action to maintain safety and effectiveness and prevent costly damage or personal injury.

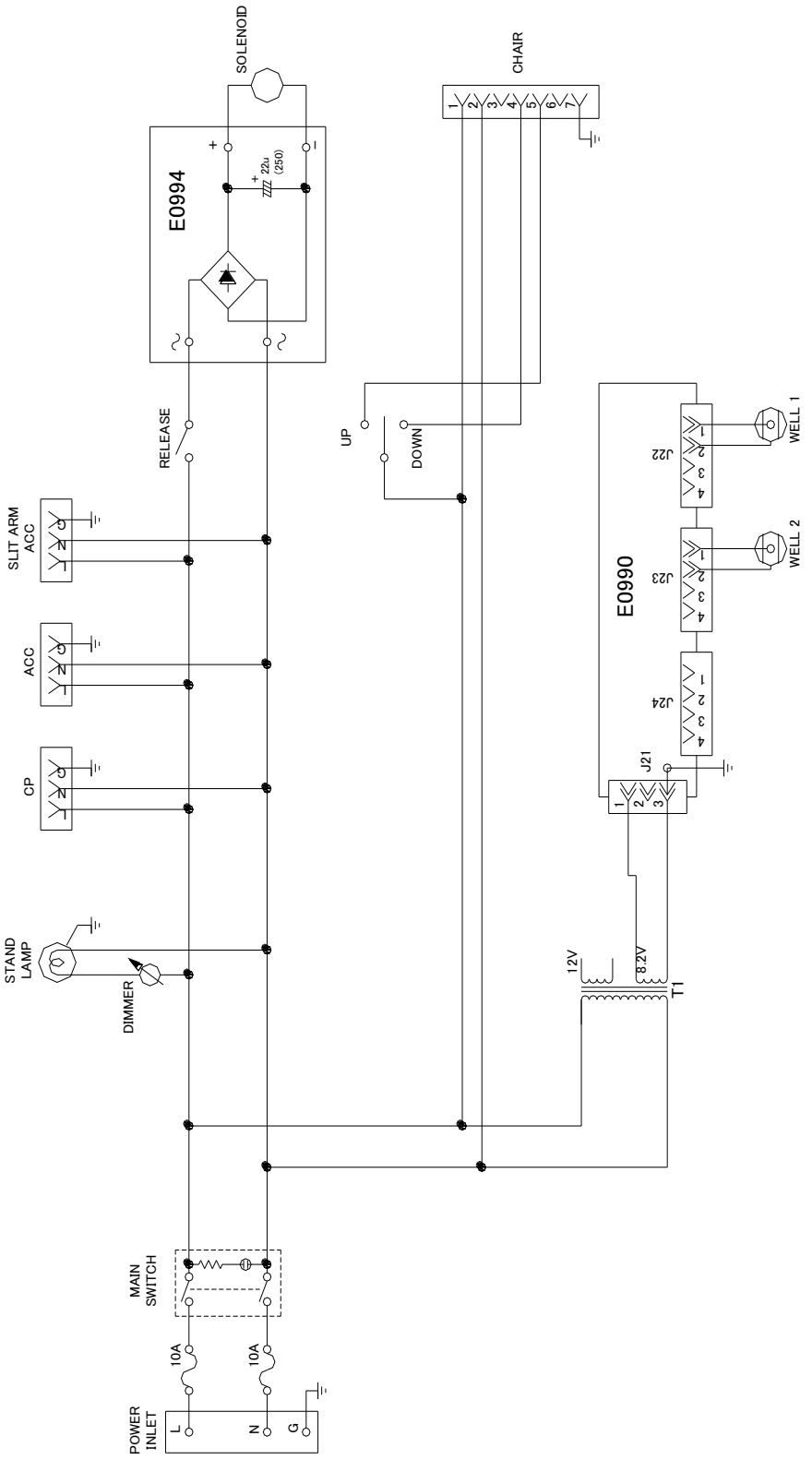
Wiring Diagram

Section 6

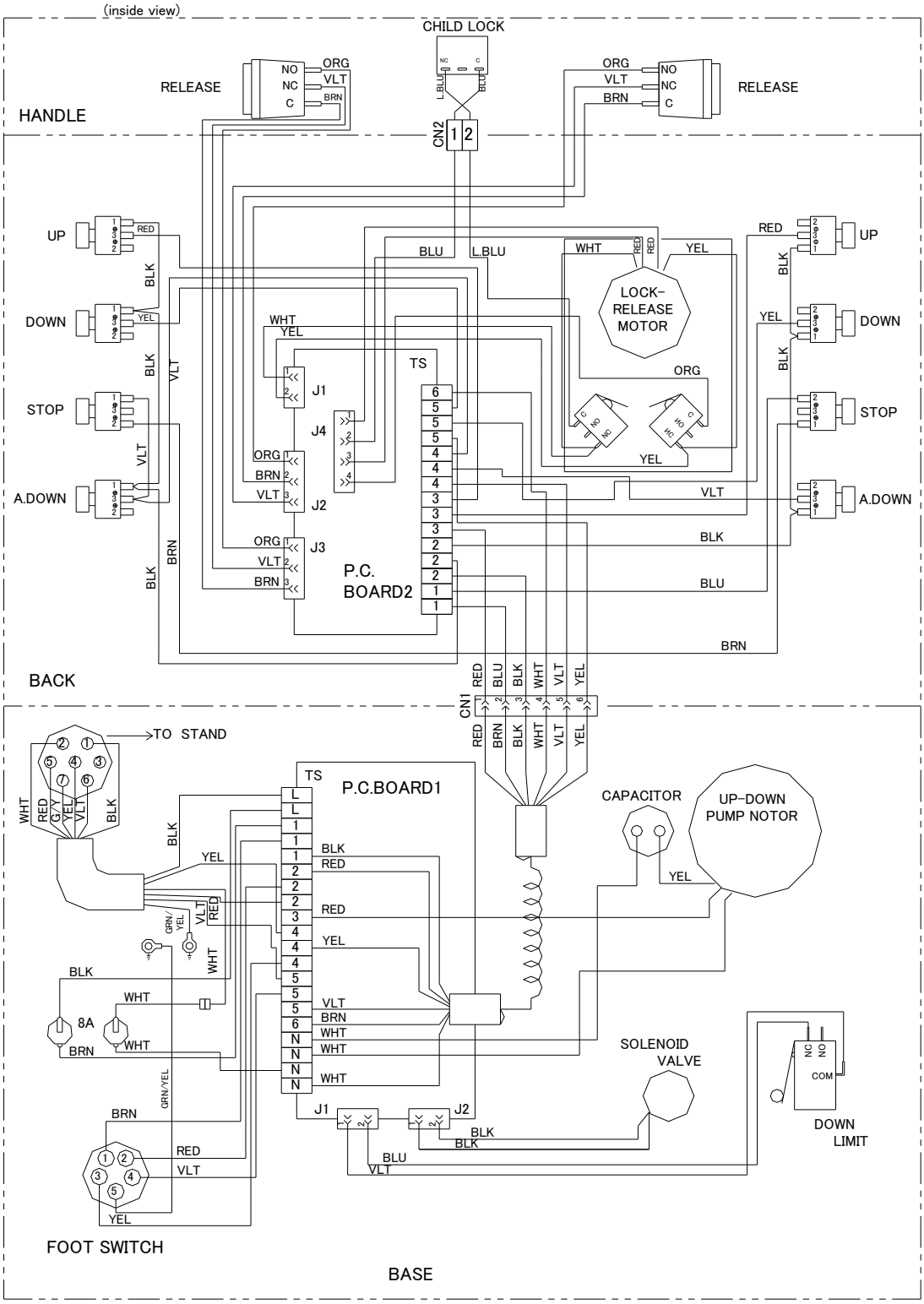
Deluxe Stand P/N.1207



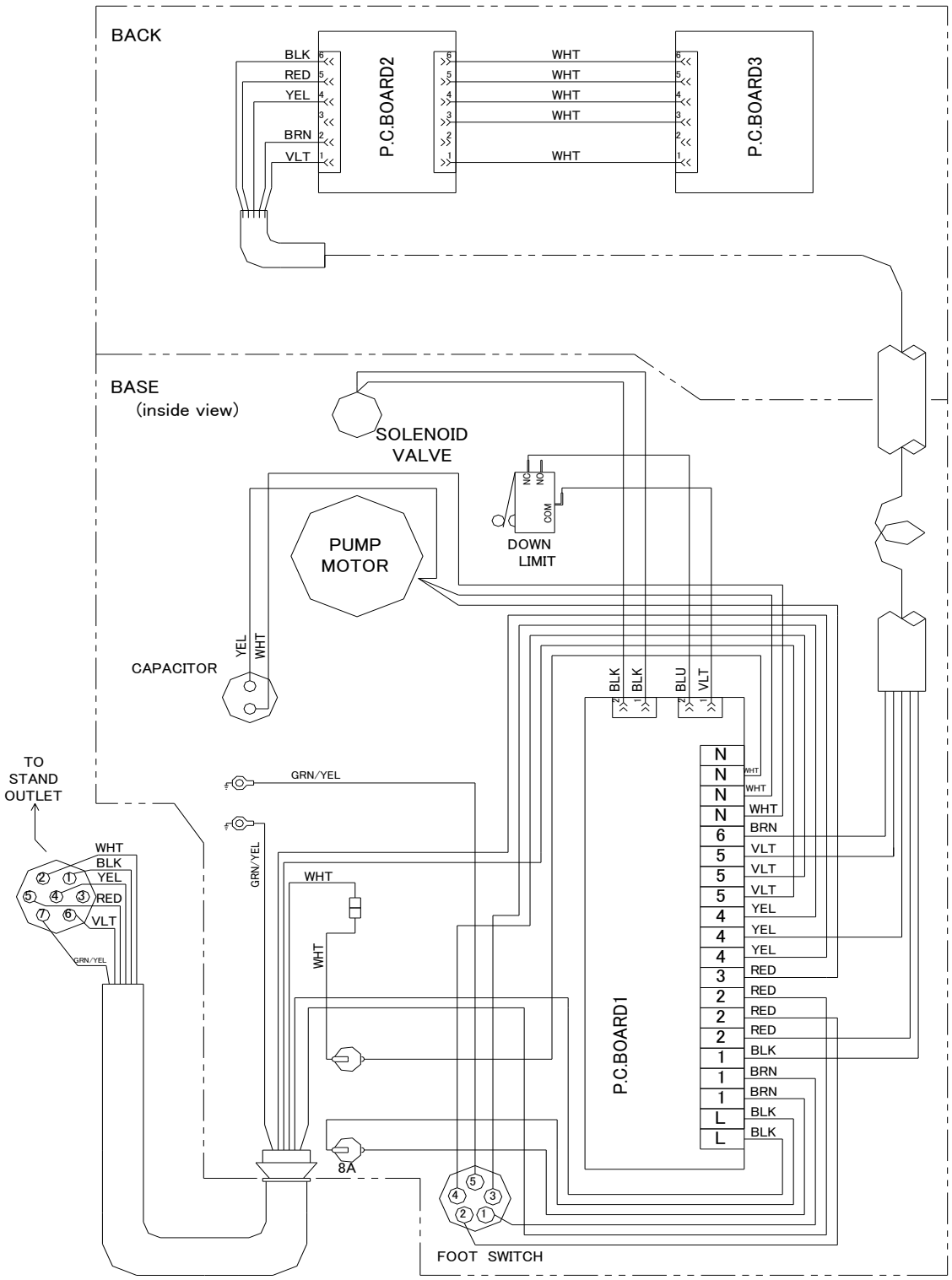
Bravo Stand P/N.1275



Marco Tilt Chair P/N.1262

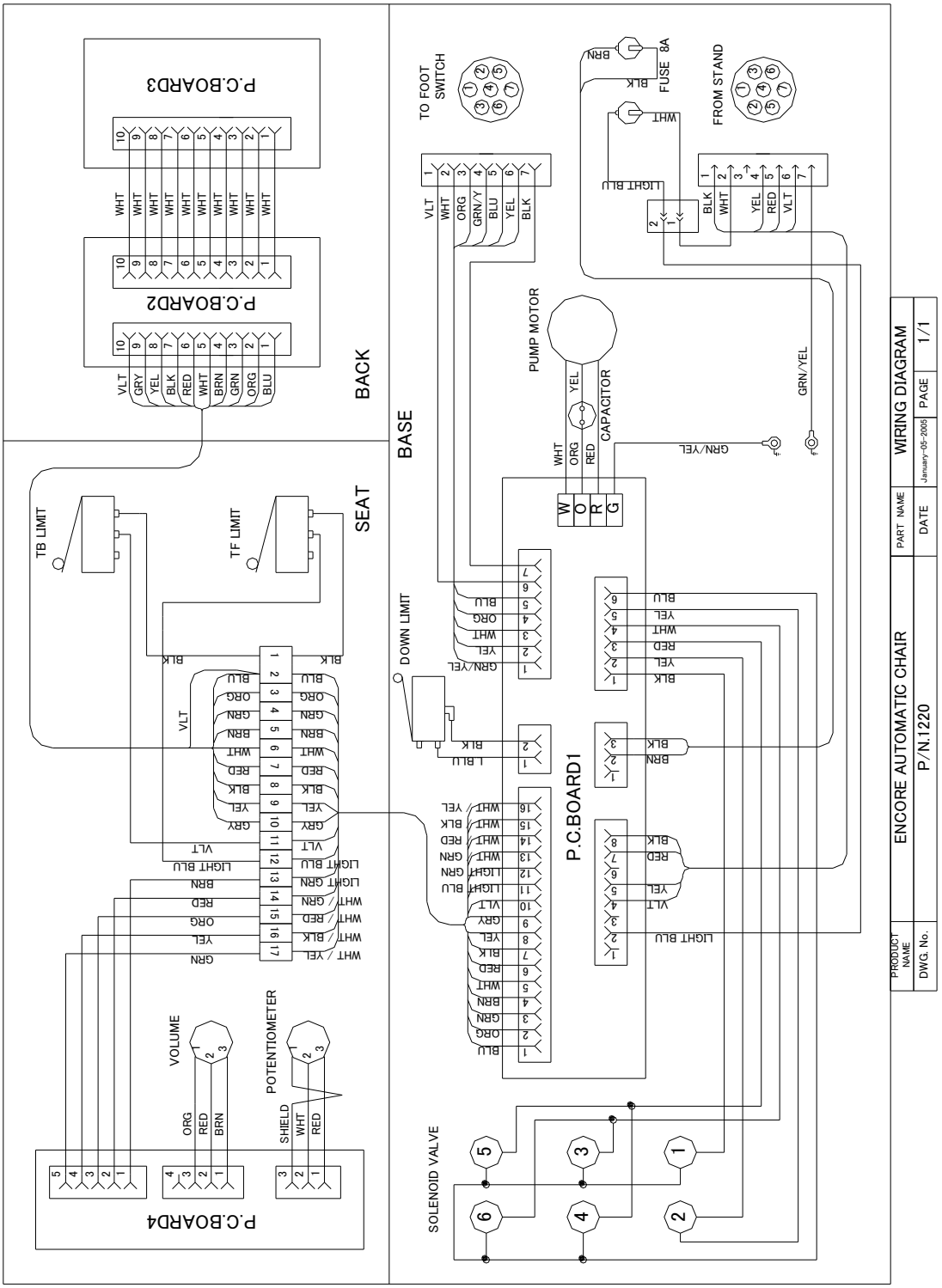


Encore Manual Chair P/N.1280



PRODUCT NAME	ENCORE MANUAL CHAIR	PART NAME	WIRING DIAGRAM		
DWG. No.	P/N.1280	DATE	March-01-2008	PAGE	1/1

Encore Automatic Chair P/N.1220



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Instruction Manual (Chairs and Stands) English version for USA
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Original instructions

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