

**KEISER®**

**STRENGTH | CARDIO | FUNCTIONAL**



Model 001121BP

**AIR250**

**LEG EXTENSION**

**MODELS: 001121BP, 001121SP  
001122BP, 001122SP**

**OPERATION MANUAL**

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## GENERAL INFORMATION

### INTRODUCTION

Congratulations on the purchase of your new Keiser Air250 Leg Extension and welcome to the Keiser family. Keiser's Dynamic Variable Resistance safely builds strength at any speed, which is key to building maximum power.

For your safety, and to ensure the best experience and maximum gains, it is critical that you read and understand this manual before you begin using the Air250 Leg Extension. If you have any questions regarding the operation of the Air250 Leg Extension after reading this manual, our Keiser Customer Support team will be happy to assist by telephone at 1 559 256 8000 or via live chat at [keiser.com/support](https://www.keiser.com/support) (Monday–Friday, 7 am to 5:30 pm PST), or by email at [service@keiser.com](mailto:service@keiser.com).

Yours in Health,  
Keiser Corporation

### REGISTER YOUR PURCHASE

Register your Air250 Leg Extension to stay informed of safety notifications and for faster, more accurate warranty service.

Scan the QR Code to the right to access the interactive online warranty registration form or visit:

<https://www.keiser.com/forms/warrantyregistration>



SCAN

### SERIAL NUMBER INFORMATION

Please take a moment at this time to record the serial number in the space provided below.

Serial No.: \_\_\_\_\_

Serial Number Information	
A	Manufacturer name, logo, and address
B	Country of manufacture
C	Patent information notification
D	WEEE mark
E	CE mark
F	Maximum User Weight Limit
G	Serial number and date of manufacture
H	Model number and product description

Marking plate illustration is for reference only. Refer to the marking plate attached to the equipment for specific product information.

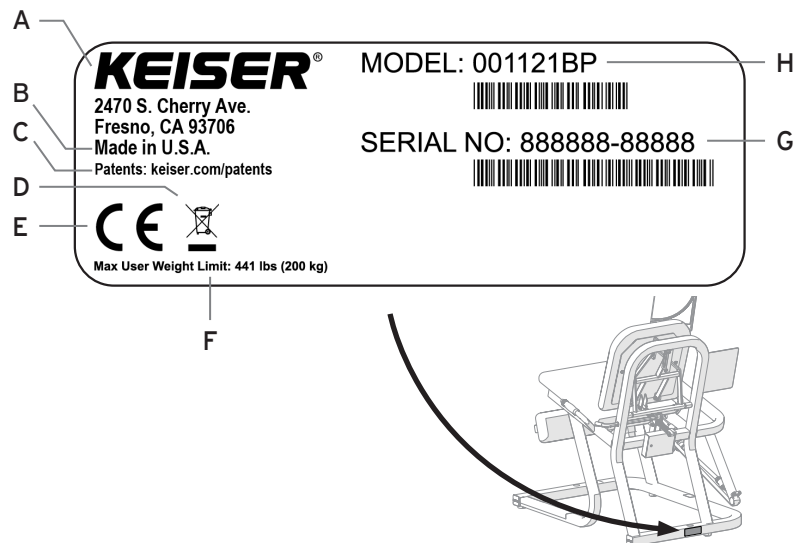




Figure 1. Serial Number Location and Information

**IMPORTANT SAFETY INFORMATION**

It is the sole responsibility of the purchaser of Keiser Corporation equipment to instruct all individuals, whether they are the end-user or supervising personnel, on proper usage of the equipment. Keiser Corporation recommends that all users of its equipment be informed of the following information before use.

1.  Read these instructions.
2. Heed all warnings.
3. Follow these instructions.
4. Intended use of the Air250 Leg Extension is for physical activity or Physiotherapy (sometimes referred to as physical therapy).
5. The Air250 Leg Extension is intended for individuals aiming to maintain and restore maximum movement and functional ability throughout their lifespan, including circumstances where movement and function are limited by aging, injury, pain, disease, disorders, conditions, or environmental factors, especially in case of using the Air250 Leg Extension in physical therapy.
6. Consult your physician before beginning any exercise program.
7. The Air250 Leg Extension is intended for use in training areas of organizations where access and control are specifically regulated by a person responsible for determining the suitability of use and maintenance.
8. Maximum user weight limit: 441 lbs (200 kg).
9. Use the Air250 Leg Extension indoor in a climate-controlled environment only. Keep away from areas of extreme humidity.
10. The use of this Air250 Leg Extension for any purpose not explicitly specified by the manufacturer in this manual is prohibited.
11. Wear proper exercise clothing and shoes for exercise. Avoid wearing loose clothing that might catch on any moving parts. Tie long hair back.
12. The Air250 Leg Extension is not a toy. Children shall not play with the Air250 Leg Extension. Children under 14 years old should not use the Air250 Leg Extension. Keep children and pets clear from the Air250 Leg Extension at all times, especially while in use. Cleaning and user maintenance shall not be performed by children.
13. The Air250 Leg Extension can be used by children age 14 years and above. Persons with mental disabilities, reduced physical, mental, or sensory capabilities, or lack of experience or knowledge should not use the Air250 Leg Extension without constant supervision by a spotter/supervisor.
14. Proper warm-up is required to help prevent injury. This Air250 Leg Extension should only be used with proper instructions. Always maintain good form and control during exercise. If you feel pain or are unable to maintain good form, stop immediately. Failure to follow these instructions could result in injury.
15. Always maintain control of the Leg Cushion (Exercise Arm) during exercise. The sudden release of the Exercise Arm during exercise will cause the Exercise Arm to recoil uncontrollably toward the user and could result in serious injury or property damage. Bring the Exercise Arm to the start position in a controlled manner to safely end exercise.
16. If at any time you are not able to control the amount of resistance during exercise, push the left ("←") Thumb Button to reduce the resistance.
17. Never perform Power Test without a proper warm-up. This high resistance/high-speed test should only be performed with proper instructions (see page 15 "Power Test" for complete instruction). Always maintain good form and control during the test. If you feel pain or are unable to maintain good form, stop immediately. Failure to follow these instructions could result in injury.
18. Never make adjustments to the machine during exercise as this may cause muscle strain. Always return the Exercise Arm to the start position before making any adjustments to help prevent injury.
19. The highest level of safety can only be ensured if the equipment is regularly inspected for damage and wear. Always check the equipment before use for proper function and any damaged, worn, or broken parts. Immediately replace damaged, worn, or broken parts. Do not use the Air250 Leg Extension until all repairs have been completed and tested by a Keiser-certified technician.
20. Use only replacement parts supplied/recommended by Keiser Corporation. Attempting to repair or replace any damaged, worn, or broken parts on your own is not recommended. A Keiser-certified technician should be consulted.
21. The use of any exercise equipment, including, without limitation, Keiser's strength training equipment in which resistance can be changed at any time during the repetition, without proper instruction and supervision violates the terms of the agreement for the purchase of such products. The ability to add resistance anytime during a repetition, including, without limitation, the ability to do a heavy negative may be dangerous, especially for anyone that does not recognize or respect the potential danger.
22. Users, agents, and/or anyone directing the use of the Air250 Leg Extension shall determine the suitability of the Air250 Leg Extension for its intended use, and said parties are specifically put on notice that they shall assume all risk and liability in connection herewith.
23. If you do not understand these instructions or have doubts about the safety of the installation, assembly, or use of this product, contact Keiser Customer Support:

 1 559 256 8000

 service@keiser.com

 keiser.com/support

Telephone and Live Chat  
Monday–Friday 7 am to 5:30 pm PST

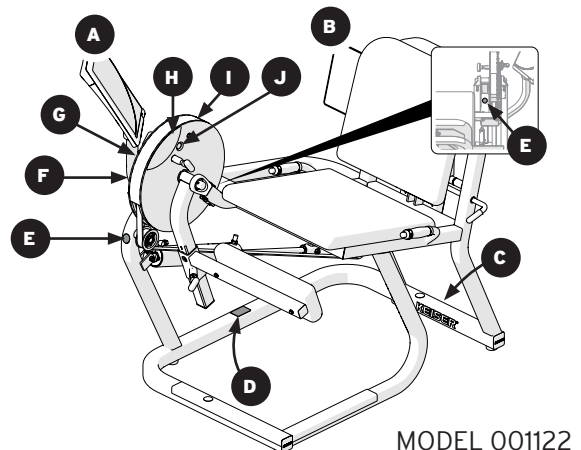
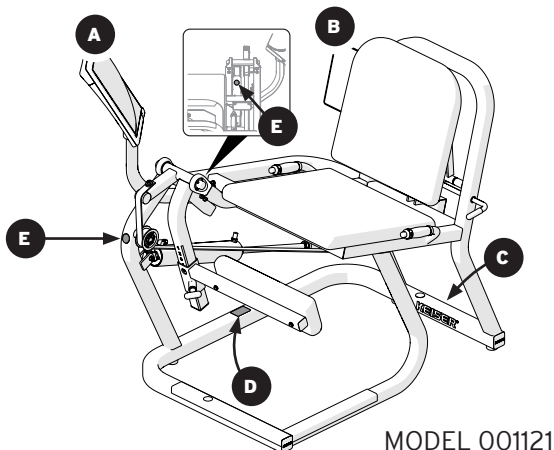
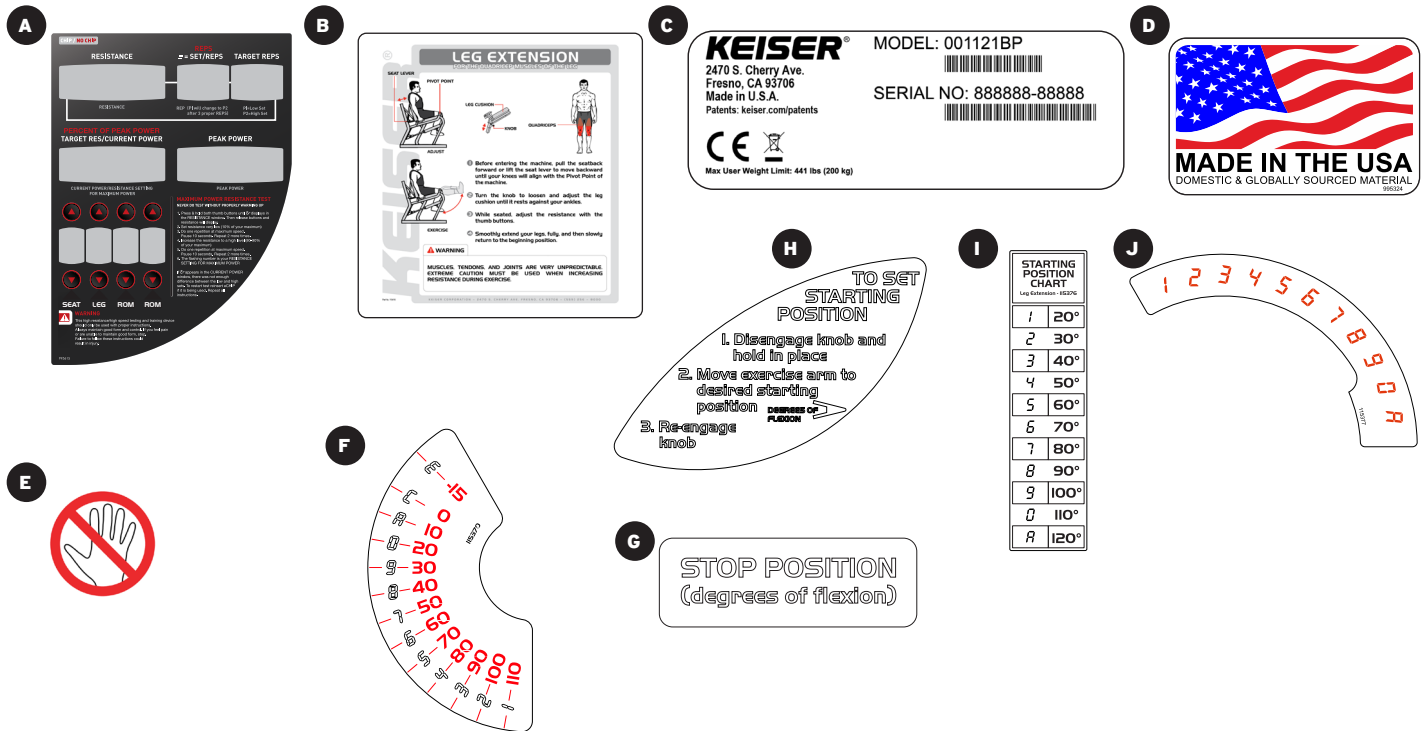
## IMPORTANT SAFETY INFORMATION

### CONVENTIONS USED

This Operation Manual contains the following marks:

- ⚠ WARNING:** Indicates a hazardous situation that, if not avoided, could result in death or serious injury.
- ⚠ CAUTION:** Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
- ❗ IMPORTANT:** Indicates information considered critical, but not hazard-related.

### SAFETY AND NOTIFICATION LABELS



Maintain and do not remove safety or notification labels for any reason. They contain important information. If unreadable or missing, contact Keiser Corporation for a replacement (see back cover for contact information).

**IMPORTANT SAFETY INFORMATION****CONTRAINDICATIONS**

There are a number of contraindications in the context of the relevant fields of the Air250 Leg Extension use. In rehabilitation, only the medical staff can determine the form and extent of therapy. Medications can have an influence on the rehabilitation (e.g. neuroleptics, benzodiazepines, barbiturates, anti-epileptics, etc.). In the following cases, Air250 Leg Extension training may only be carried out after consultation with a doctor:

- Pregnancy
- Acute thrombosis
- Fresh wounds (e.g. after surgery)
- Artificial joints or prosthetics
- Bone fractures
- Spinal disc damage
- Traumatic injury to the spine
- Diabetes
- Epilepsy
- Inflammation
- Acute migraine headache
- Chronic illnesses
- Cancer
- Acute myocardial infarction or unstable angina pectoris (determined by a stress test)
- Cardiovascular diseases e.g. severe high blood pressure at rest, carditis, congestive heart failure, severe valvular heart disease, dangerous heart arrhythmias at rest, or aortic aneurysm

If the patient is experiencing acute illness, febrile condition (i.e. fever), or newly occurring pain, this represents an absolute contraindication for physical stress. In such situations, it is necessary to postpone training until the patient's health has improved sufficiently.

In some situations (especially in patients with coronary heart disease or lung disease) overstraining can lead to an acute intensification of the patient's symptoms. In such situations, an exercise ECG is essential and training is only possible under medical supervision.

The use of the automated operation (pulse automatic, preset programs, external control via computer or other device) is prohibited, unless the strain was authorized by a physician in accordance with the patient's capacity/health.

For applications in endurance training, diagnostics and performance testing of patients, performance diagnostics, and stress tests, the same contraindications apply (among others) as with all physical stress. If there is doubt, it is important that a physician be consulted before using the Air250 Leg Extension.

## TECHNICAL SPECIFICATIONS

Model Number	Device Full Description
001121BP	Air250 Leg Extension, Black (color), Power (additional display feature)
001121SP	Air250 Leg Extension, Special (color), Power (additional display feature)
001122BP	Air250 Leg Extension with Range Limiter, Black (color), Power (additional display feature)
001122SP	Air250 Leg Extension with Range Limiter, Special (color), Power (additional display feature)

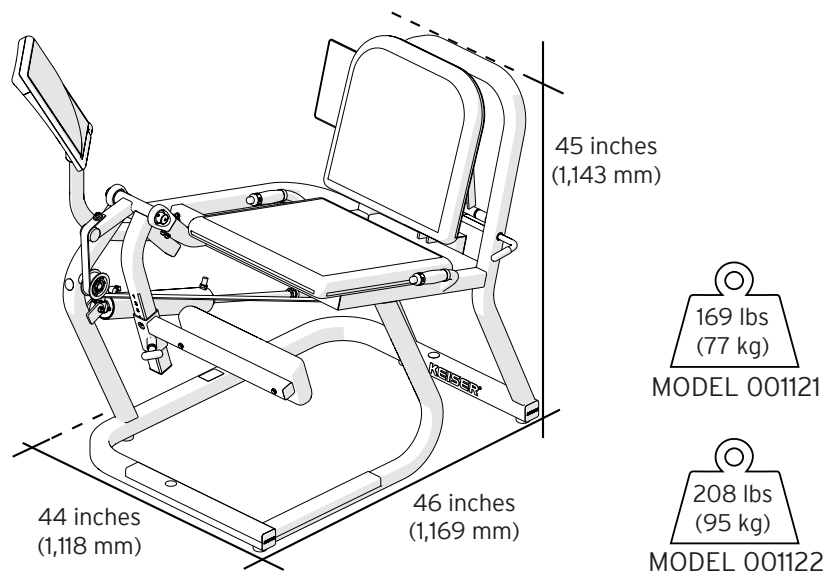
## EQUIPMENT SPECIFICATIONS

See Figure 2 for Air250 Leg Extension dimensions and weight.

- Resistance Range 0 - 246 lbs (0 - 112 kg) change resistance in 1 lb/kg increments
- Adjustable Seat Back and Leg Cushion
- Maximum user weight limit:  
441 lbs (200 kg)

Range of Motion Limiter specifications  
001122 Model

- START positions  
20° - 120° change in 10° increments
- STOP positions (degrees of flexion)  
-15°, 0° - 110° change in 10° increments



Model 001121 Air250 Leg Extension shown.  
Model 001122 with Range of Motion Limiter has same dimensions.

Figure 2. Equipment Specifications

## TECHNICAL DATA

### AIR STORAGE TANK

The equipment contains an air storage tank (air accumulator) with the following operating parameters:

Maximum working pressure:	125 psi (8.6 bar)
Maximum working temperature:	104°F (40°C)
Minimum working temperature:	32°F (0°C)
Maximum vessel capacity:	144 in3 (2.36 L)

### POWER

- 1.5V D Alkaline Batteries (quantity 2, Keiser PN 966500)
- 3V CR2032 Lithium Coin Cell Battery (quantity 1)  
*Permanently attached, not serviceable. Contact Keiser Customer Support for service.*



## INSTALLATION AND PLACEMENT

No assembly required. Place the Air250 Leg Extension on a flat, level surface. Make sure the base of the frame makes full contact with the floor. If gaps are present, relocate the equipment to an even surface.

### CONNECT THE EQUIPMENT TO THE KEISER AIR SYSTEM

**⚠ WARNING: Never connect equipment to an air source capable of exceeding 120 psi / 8.27 bar.** Over pressurizing Keiser pneumatic equipment may cause tubing to burst, breakage of equipment, abnormal operation, or serious injury. Use only clean, dry, regulated compressed air at the rated pressure range of 100-120 psi / 6.89-8.27 bar.

1. Plug the Compressor into the appropriate power source to power the Compressor ON (allow the Compressor to build up to a minimum of 100 psi / 6.89 bar; Keiser Compressor and Keiser Air System not included, sold separately).
2. Connect the 1/4-inch Quick Disconnect (QD) from the equipment into the Keiser Air Supply (see Figure 3).

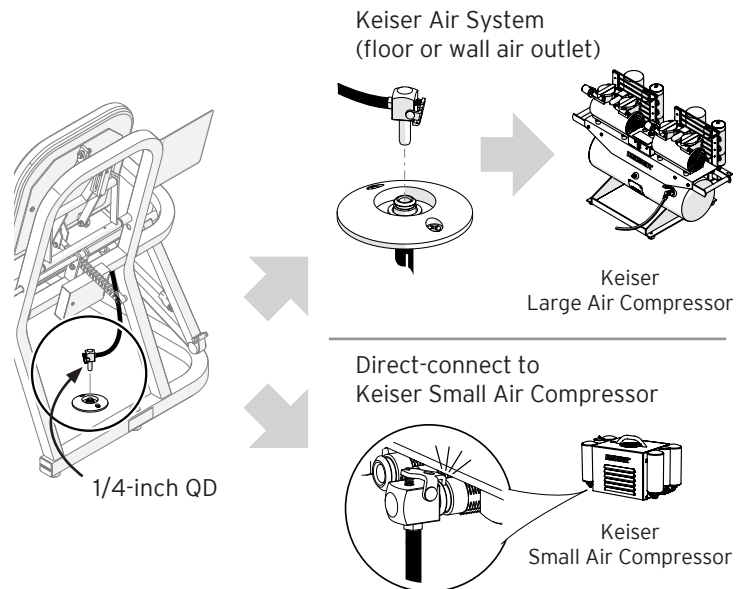


Figure 3. How to Connect the Equipment to the Keiser Air Supply

## TRAINING SPACE

The equipment footprint is 46 inches x 44 inches (1,169 mm x 1,118 mm). The minimum recommended free space around the equipment is 24 inches (610 mm) for the front and sides, and 6 inches (153 mm) for the rear.

### FOOTPRINT

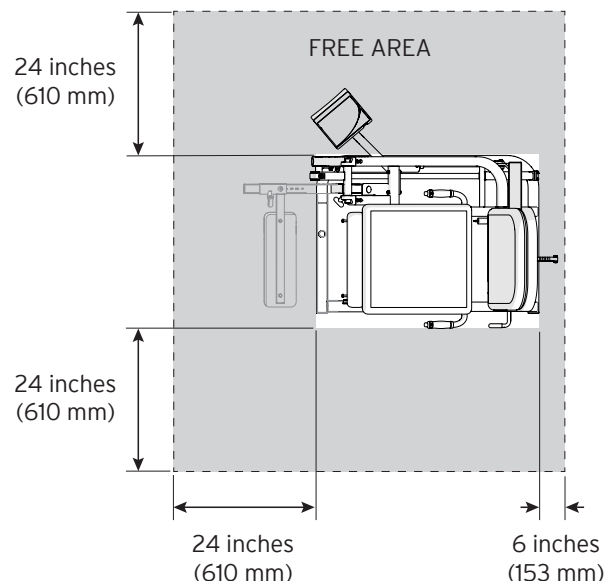
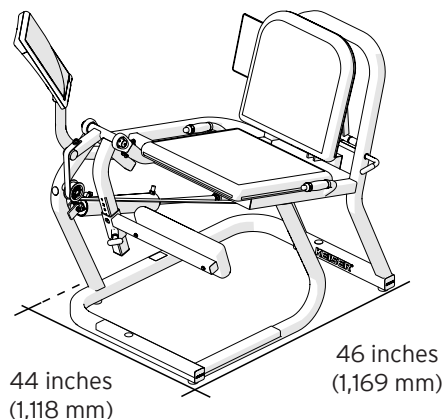


Figure 4. Training Space for the Air250 Leg Extension

Note: Additional Free Space may be required to accommodate mobility device access.



## OPERATION

## EQUIPMENT OVERVIEW



ROM Limiter Model 001122

Figure 5. Air250 Leg Extension

1	Power Display	11	Processor Box
2	Belt	12	Seat Lever
3	Cylinder	13	Seat
4	Adjustment Knob (Leg Cushion)	14	Seat Back
5	Exercise Arm	15	Instructional Placard (not shown)
6	Anti-Slip Steps		
7	Leg Cushion		
8	Air Tank		
9	Quick Disconnect (QD) with Tube		
10	Increase/Decrease (+/-) Thumb Buttons		

**RANGE OF MOTION (ROM) LIMITER**

A	START Plunger Knob
B	STOP Lock Knob

## POWER DISPLAY

## DISPLAY FEATURES

Resistance, Reps, and Power workout data output on the Power Display are shown below.

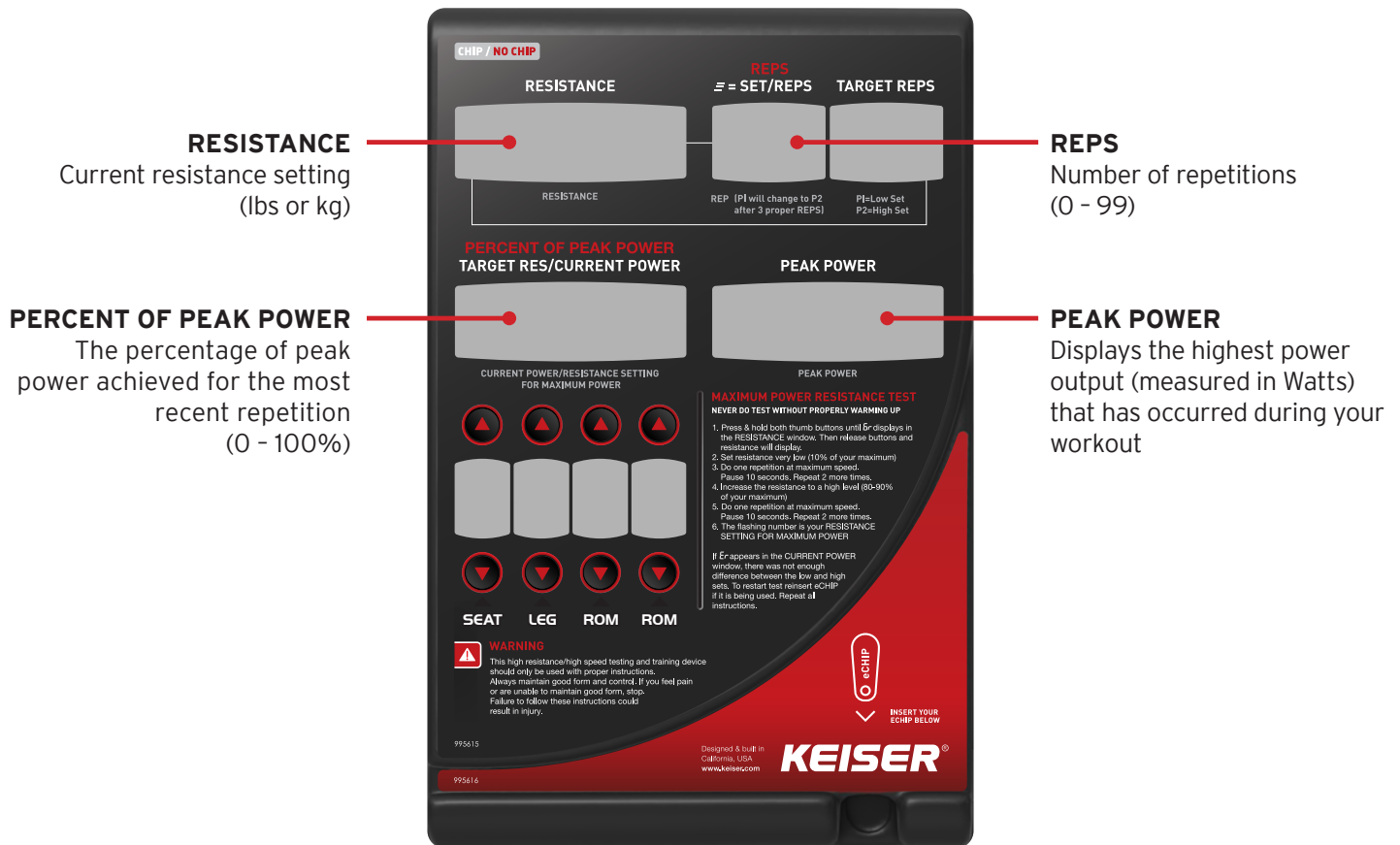


Figure 6. Power Display Overview

## OPERATION

## How to Adjust the Resistance

- Increase the resistance using the Positive “+” Thumb Button.
- Decrease the resistance using the Negative “-” Thumb Button.

## How to Reset/Clear Workout Data (Reps, Percent of Peak Power, and Peak Power)

- Press and hold the Thumb Buttons simultaneously, release when “CLER” appears in the RESISTANCE window.
- eChip Users: “CLER” also deletes the current workout data from the eChip.

## System Messages (appear in the RESISTANCE window)

- “OFF” = low-power consumption sleep mode.  
Sleep mode occurs after 60 seconds of machine inactivity to help prolong battery life. To wake, press either Thumb Button and resume operation.
- “Lo-bA” (Low Battery) = weak batteries, replace soon.  
If the batteries are dead (depleted), the Power Display remains blank. See page 17 “Battery Replacement” section for procedure.

## POWER DISPLAY

## POWER DISPLAY FEATURES WITH eCHIP

The Keiser eChip\* is an optional digital workout log that records and recalls your workout data. Additional workout data made available when using the Power Display with an eChip are shown below.

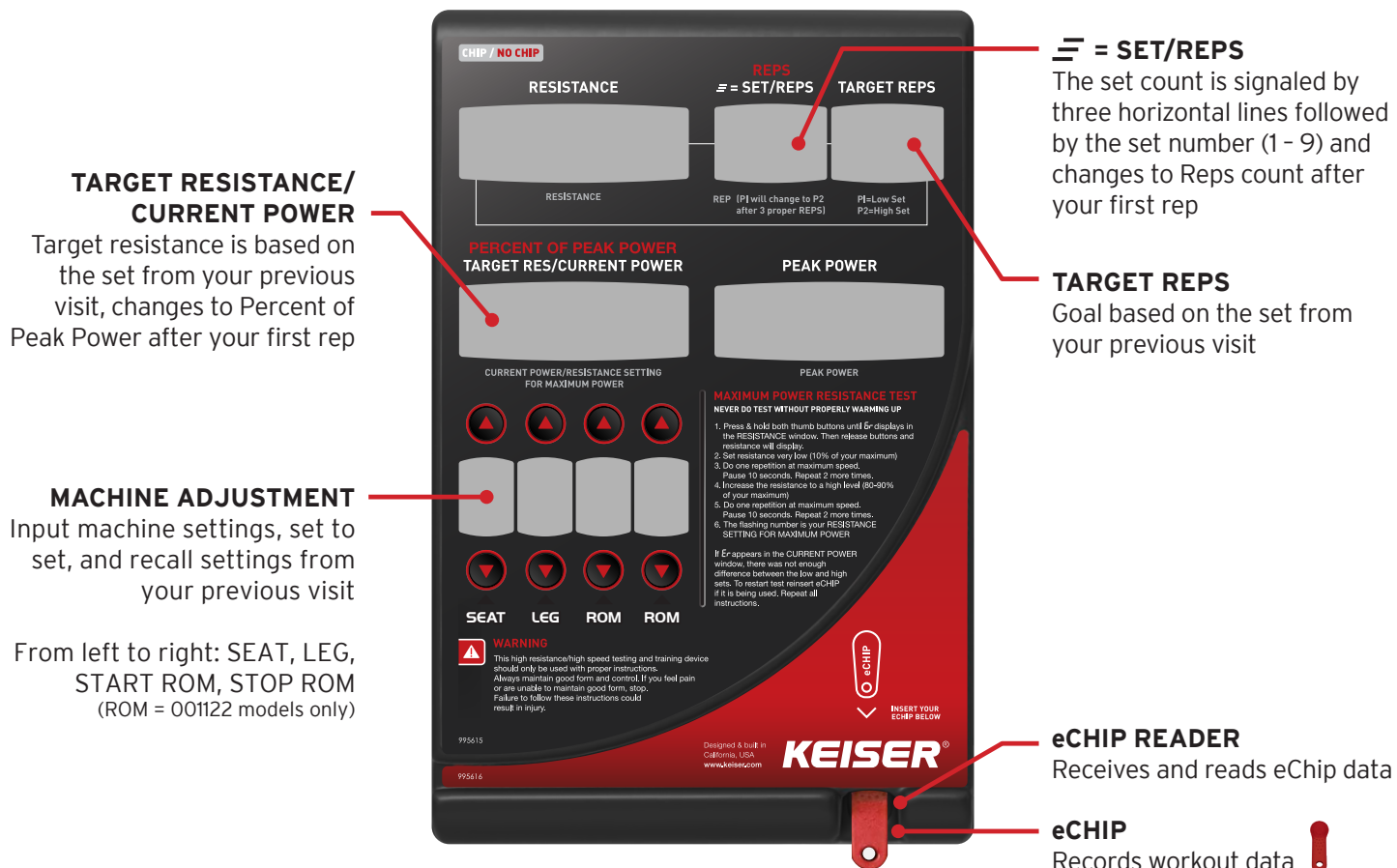


Figure 7. Power Display with eChip Overview

## OPERATION

## How to Record Workout Data on the eChip

1. Insert the eChip into the eChip Reader.
2. Prepare the machine for your workout:
  - Set the Resistance using the "+/-" Thumb Buttons.
  - Input Machine Adjustment settings using the buttons on the display.
3. Start your exercise:
  - Minimum 3 reps required to record a set.
  - Remove and re-insert the eChip to change Set number.

## System Notes

- eChip Storage: Up to 24 machine models, up to 240 separate workout sets. Set count range is 1-9, rep count range is 0-99 per machine per visit. A visit is defined as multiple workouts that occur within a four-hour period.
- No workout data ("----") indicates the eChip was not previously utilized on the machine.
- Machine Adjustment: No Machine Adjustment data indicates no data was input to record. Settings can only be changed immediately after the eChip is inserted and before your third rep. After three reps are performed, the setting cannot be changed until the eChip is removed and reinserted. Settings are not saved in Power Tests (Keiser 6-Rep test) mode.

\* eChip not included. Contact Keiser Customer Support for order information.

## How to Recall Workout Data from the eChip

Insert eChip into the eChip Reader to recall workout data from the corresponding set of your previous visit:

- SET
- TARGET REPS
- TARGET RESISTANCE
- MACHINE ADJUSTMENT (when applicable)

**PROPER OPERATION CHECK**

Check equipment condition and function before every workout:

- A. **Adjustments** – engage and function properly:
  - Adjustment Knob (Leg Cushion)
  - Seat Lever
  - Plunger Knob and Lock Knob (ROM Limiter, if equipped)
- B. **Thumb Buttons and Display** – press Thumb Buttons to check for proper “+ / -” operation; Display powers on\*.
- C. **Upholstery** – Seat, Seat Back, and Leg Cushion have no excessive wear and are free of rips or tears.
- D. **Exercise Arm and Leg Cushion** – move freely; no loose parts in the linkage system or lock mechanism, no excessive wear on any rubber stops.
- E. **Air Leaks** – no air leaks audible in the system.
- F. **Stability** – equipment is level to a solid, flat surface.
- G. **Belt and Pulley** – Belt is free of excessive wear, rips or tears and Pulley moves freely with no binding.

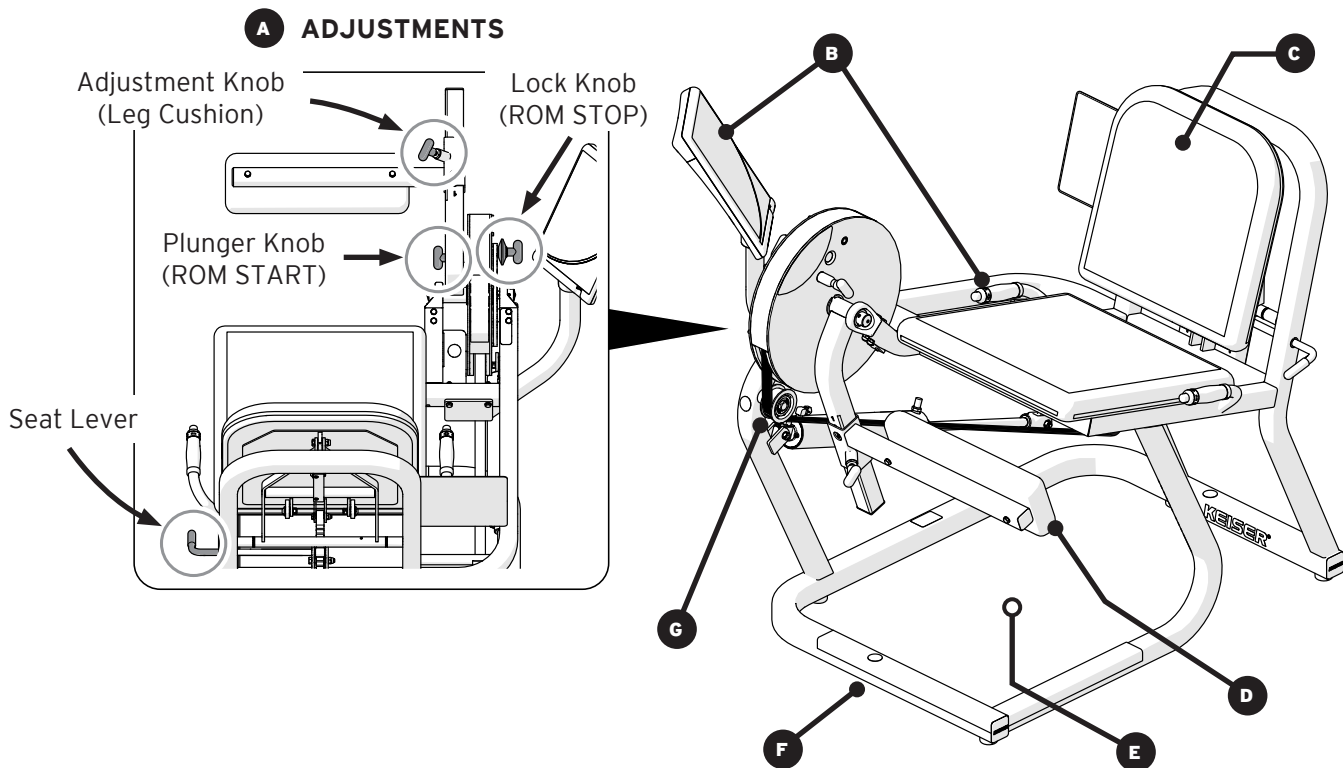


Figure 8. Proper Operation Check Illustration

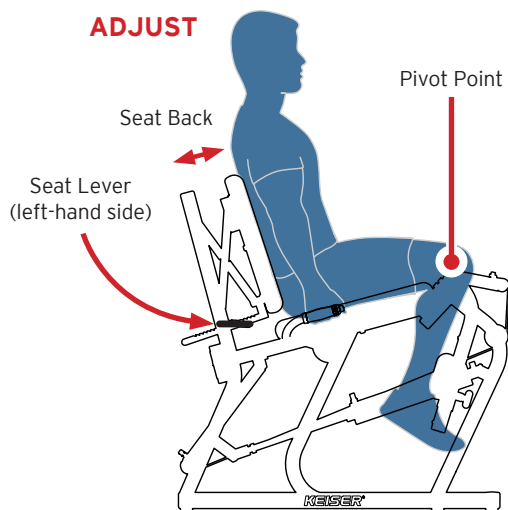
Immediately replace damaged, worn, or broken parts. Do not use the Air250 Leg Extension until all repairs have been completed and tested by a Keiser-certified technician.

\* “Lo-bA” = Batteries are low, replace immediately. If batteries are dead (depleted), the Power Display remains blank (see Battery Replacement procedure, page 17).

## HOW TO USE THE AIR250 LEG EXTENSION

- 1 Pull the Seat Back forward, or lift the lever to move backward, so your knees align with the machine pivot point.
- 2 Adjust the Leg Cushion to rest against your ankles; turn the Adjustment Knob counter-clockwise to loosen, counter-clockwise to set the position.
- 3 Adjust the resistance with the Thumb Buttons.
- 4 Smoothly extend your legs fully, then slowly return to the beginning position.

## ADJUST



## EXERCISE

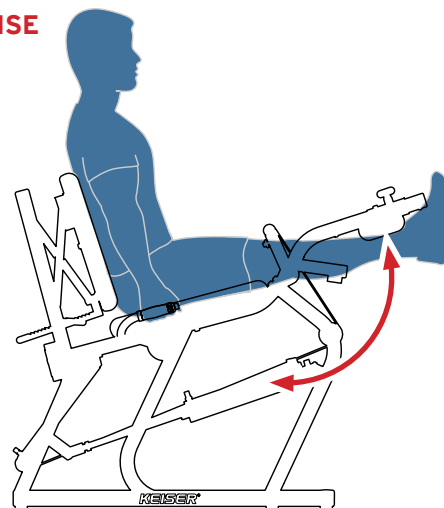


Figure 9. How to Use the Air250 Leg Extension

## ⚠ CAUTION

- Consult your physician before beginning any exercise program.
- This equipment should only be used with proper instructions.
- Proper warm-up required to help prevent serious injury.
- Always maintain good form and control during exercise.
- If you feel pain, faintness, or are unable to maintain good form, stop immediately.
- Use caution when increasing/decreasing resistance during exercise.
- Never make adjustments to the machine during exercise. Failure to do so could result in serious injury.

## CONCENTRIC PHASE (UPWARD MOVEMENT)

- Move your feet up using your quadriceps to full knee extension.
- Keep your body stationary and your back supported by the Seat Back.

## ECCENTRIC PHASE (DOWNWARD MOVEMENT)

- Return the Leg Cushion to the start position in a smooth, controlled manner.
- Slower speed during the downward movement is recommended.
- Maintain control of the load; keep the Exercise Arms off the stops throughout the exercise.

## BREATHING

- Exhale during the concentric phase.
- Inhale during the eccentric phase.

## TRAINING TIPS

- Maintain the natural curvature of your spine.
- Avoid rocking your body to create momentum when moving heavy loads.
- Hold the Handgrips for stability during movement.

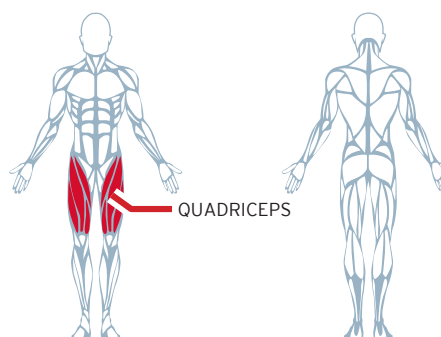


Figure 10. Air250 Leg Extension Target Muscles

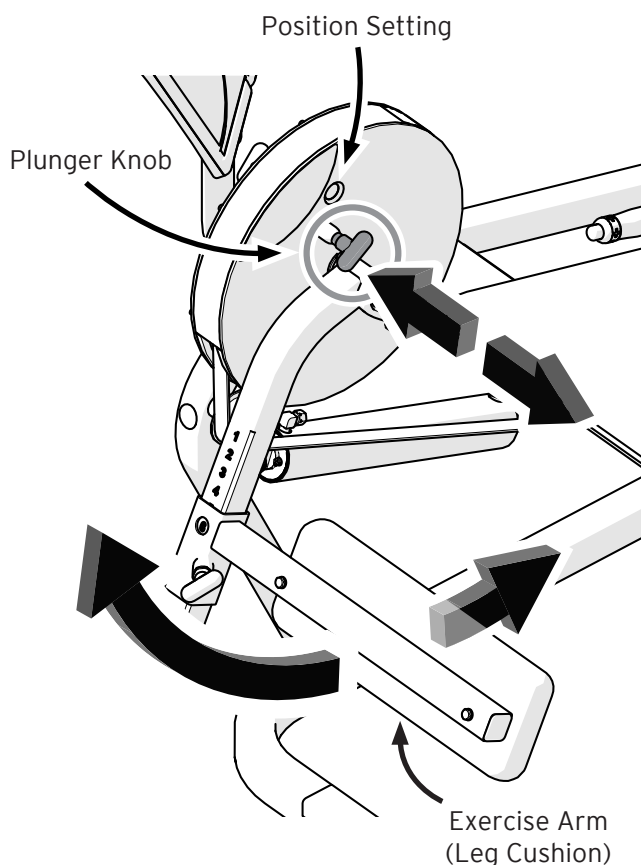
## HOW TO USE THE ROM LIMITER

### 001122 MODEL

Set the range of motion START and STOP positions for a targeted workout.

#### How to Set the START Position

- 1 Hold the Exercise Arm with one hand, and with your other hand pull and hold the Plunger Knob to disengage.
- 2 Move the Exercise Arm to the desired starting position.
- 3 Release the Plunger Knob to lock the Exercise Arm into position.

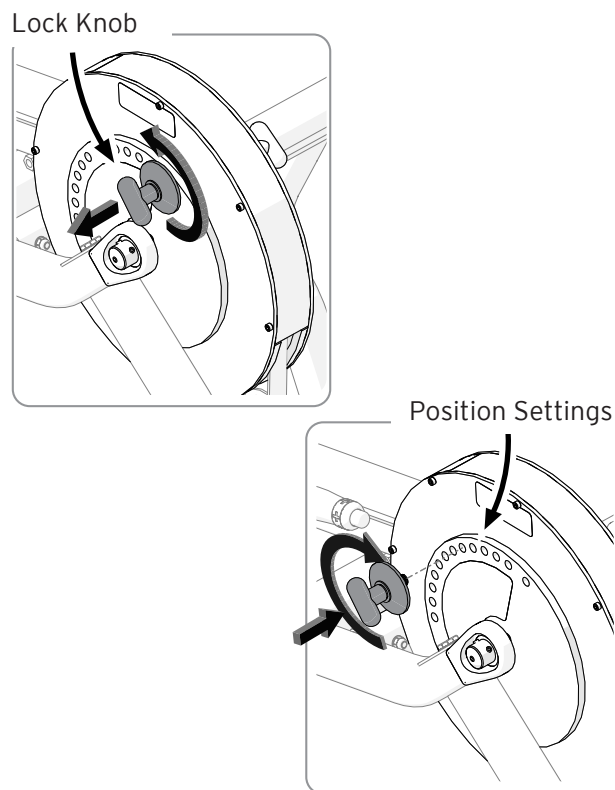


START positions  
20° - 120° change in 10° increments

Figure 11. How to Set the ROM START Position

#### How to Set the STOP Position

- 1 Remove the Lock Knob (turn counter-clockwise).
- 2 Move the Lock Knob to the desired stop position.
- 3 Tighten the Lock Knob (turn clockwise) until snug.



STOP positions (degrees of flexion)  
-15°, 0° - 110° change in 10° increments

Figure 12. How to Set the ROM STOP Position

## POWER TEST

**⚠ CAUTION:** Test should only be performed with proper instruction. Never perform Power Test without proper warm-up.

The purpose of the Power Test (KEISER 6-Rep Test) is to determine your RESISTANCE SETTING FOR MAXIMUM POWER. Use your RESISTANCE SETTING FOR MAXIMUM POWER as a baseline measurement to program safe and effective training sessions. The test consists of two sets:



Three repetitions  
Low resistance, high speed  
10% of your maximum



Three repetitions  
High resistance, high speed  
80-90% of your maximum

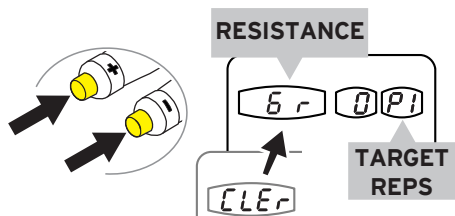
Speed is essential in power output. Perform all repetitions at maximum speed at the given resistance.

## POWER TEST PROCEDURE

**Before you begin:** Warm-up and estimate your maximum resistance setting. During testing, you can adjust the resistance in either Set before rep "3" if needed (REPS resets to "0"). Note: Test may be performed with or without the eChip inserted.

**1 START TEST**

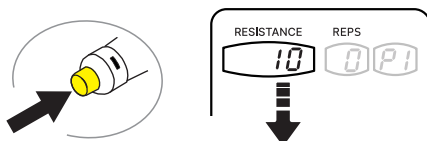
Press and hold both Thumb Buttons, release when "6 r" appears in the RESISTANCE window.



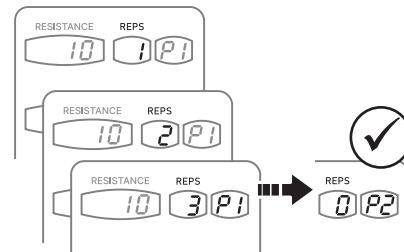
"P1" in the TARGET REPS window indicates Power Test, Set 1 initiated.

**2 SET RESISTANCE, LOW LEVEL**

Set the resistance to a low level (10% of your maximum).

**3 POWER TEST, SET 1 ("P1")**

Perform one repetition at maximum speed. Pause briefly, then perform two repetitions at maximum speed.



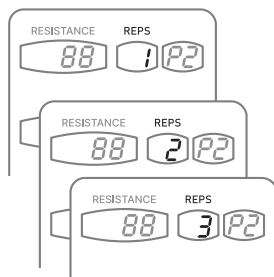
Note: Test advances to "P2" (Power Test, Set 2).

**4 SET RESISTANCE, HIGH LEVEL**

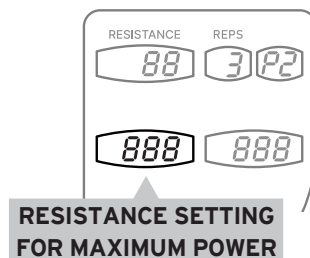
Increase the resistance to a high level (80-90% of your maximum).

**5 POWER TEST, SET 2 ("P2")**

Perform one repetition at maximum speed. Pause briefly, then perform two repetitions at maximum speed.

**6 TEST RESULT**

After your last rep, your **RESISTANCE SETTING FOR MAXIMUM POWER** value is displayed.



**TEST COMPLETE.** Exit Power Test to resume normal operation.

**How to exit the Power Test:** Press and hold the Thumb Buttons simultaneously, release when "CLER" appears in the RESISTANCE window (eChip users: Remove the eChip).

**Troubleshoot:** "Er" 1 - 4 indicates not enough difference in resistance between the low and high sets. Try again with a greater difference in resistance between the low and high sets. To restart the Power Test at any time, begin at Step 1 (eChip users: Remove and reinsert the eChip before attempting to restart the test).



## MAINTENANCE



**CAUTION: SERVICE AND REPAIR SHALL ONLY BE PERFORMED BY KEISER-CERTIFIED TECHNICIANS.** Failure to follow these instructions can result in serious injury.

## PREVENTATIVE MAINTENANCE SCHEDULE



**CAUTION: THE HIGHEST LEVEL OF EQUIPMENT SAFETY CAN ONLY BE ENSURED IF THE EQUIPMENT IS REGULARLY INSPECTED FOR DAMAGE AND WEAR.** Immediately replace damaged, worn, or broken parts. Do not use the Air250 Leg Extension until all repairs have been completed and tested by a Keiser-certified technician.

Daily	<ul style="list-style-type: none"> <li>• Check for safe and proper function of the equipment (perform "Proper Operation Check," page 12).</li> <li>• Clean the chrome and paint where applicable.</li> <li>• Wipe down the equipment with a clean cloth. If necessary, use water and mild soap (neutral, non-caustic). Target areas that come in contact with sweat. Wipe dry the equipment.</li> </ul>
Weekly	<ul style="list-style-type: none"> <li>• Check parts most susceptible to wear are not damaged or broken: <ul style="list-style-type: none"> <li>- Upholstery, Adjustment Knob, Rubber Stops (red bumpers), Belt, Pulley, Thumb Buttons, and Hand Grips.</li> </ul> </li> <li>• Wax chrome and paint where applicable; wax upholstery.</li> <li>• Clean Hand Grips.</li> <li>• Inspect Air Line Filter.</li> </ul>
Monthly	<ul style="list-style-type: none"> <li>• Check externally visible screws are fastened properly with no looseness.</li> <li>• Clean and lubricate the Cylinder Rod.</li> <li>• Inspect Air Line for kinks, tears, or breaks.</li> <li>• Inspect Frame for any weakening in weld areas, and other connected areas.</li> </ul>
Quarterly	<ul style="list-style-type: none"> <li>• Lubricate Pivot Bushings.</li> <li>• Inspect Exhaust Muffler and Air Filter for discoloration; replace if necessary.</li> <li>• Verify compressor(s) cycle on/off between 100-120 psi (6.89-8.27 bar).</li> </ul>
Annually and other Required Maintenance	<ul style="list-style-type: none"> <li>• For complete instructions, see page 18 "Annual Maintenance."</li> <li>• Battery Replacement. The low battery signal ("Lo-bA") will appear on the Power Display when it is time to replace the batteries. Refer to page 17 "Battery Replacement" for complete instructions.</li> </ul> <p>NOTE: Your Keiser Air Compressor (not included with your Air250 Leg Extension) requires basic annual maintenance. Contact Keiser Customer Support for Air Compressor operator manual or download at <a href="http://keiser.com/support">keiser.com/support</a> (search: Air Compressor manuals).</p>

**❗ IMPORTANT:** Do not use household or industrial cleaners as they contain caustic chemicals that can destroy the paint finish and cause corrosion. Use only mild soap/detergent (neutral, non-caustic) to clean.

Contact Keiser Customer Support for replacement parts order, or for any matters regarding the safe operation of your Air250 Leg Extension (see back cover for contact information).

**BATTERY REPLACEMENT**

Do not operate the equipment during battery replacement procedure. "Lo-bA" = Batteries are low, replace immediately. NOTE: If batteries are dead (depleted), the Power Display remains blank. To replace the batteries, refer to Figure 13 and follow the instructions below (no tools required).

1. Unscrew the Brass Nut on the Processor Box. Pull and remove the cover.
2. Remove the 2 D batteries by carefully pulling out the Battery Sleeve (follow manufacturer's recommendations for handling, maintaining, and disposing of batteries).
3. Observe the correct polarity position (see +/- marking inside the battery compartment), insert the 2 new D batteries into the battery sleeve and install.
  - The Power Display will enter a brief test sequence (you will see a series of numbers flashing).
4. Replace the Processor Box cover and screw the Brass Nut finger tight.

**❗ IMPORTANT:** Once the test sequence ends (numbers stop flashing), press either the increase or decrease Thumb Button and allow the machine to enter sleep mode ("OFF") to resume normal operation.

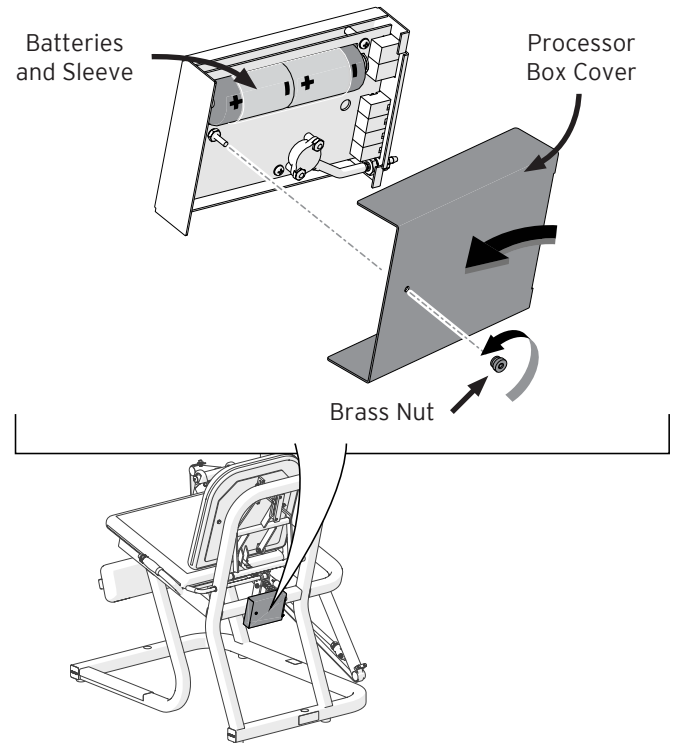


Figure 13. Battery Replacement

**⚠ CAUTION**

Do not dispose of batteries in a fire. The batteries may explode.

Do not open or mutilate batteries. They contain an electrolyte which is toxic and harmful to the skin and eyes.

Replace batteries with the same number and type of batteries as originally installed in the equipment.

Recycle batteries in accordance with local recycling procedures.

**ANNUAL MAINTENANCE**

The following routine maintenance is recommended annually or at the time batteries are replaced:

- 1 Clean:
  - Wipe any accumulated dust around the Frame and the Belt System, including the Air Tank and Cylinder, using a clean shop cloth.
- 2 Visual inspection of Air Lines and Communication Wires:
  - Air Lines have no kinks, tears, or breaks; Communication Wires have no exposed wires or visible damage.
- 3 Replace the Air Filter if element is dirty (element turns a bright pink or red color):
  - Tools required: Small Needle Nose Pliers, Cutter Tool (to cut off flared end of tubes).
- 4 Visual inspection of Belt and Pulley:
  - Belt is free of cracks, frayed edges, or otherwise excessive wear; check for smooth travel around the Pulley.
- 5 Replace the Muffler if discoloration is present:
  - Tool required: 11/16 inch Wrench or Adjustable Wrench.
- 6 Lubricate Cylinder Rod:
  - Wipe the Cylinder Rod clean and coat lightly with clean, SAE 30 motor oil, or with a silicon-based spray.
- 7 Visual inspection of moving components:
  - Adjustment Knobs engages and functions properly. Check Exercise Arm (Leg Cushion), Seat Back, and ROM Limiter (if equipped) are fully functional; all externally visible nuts and bolts are tightened properly.

**⚠ WARNING: HIGH-PRESSURE AIR. DISCONNECT THE EQUIPMENT FROM THE AIR SUPPLY AND RELEASE ALL THE AIR IN THE EQUIPMENT ("–" THUMB BUTTON) BEFORE PERFORMING ROUTINE MAINTENANCE.**

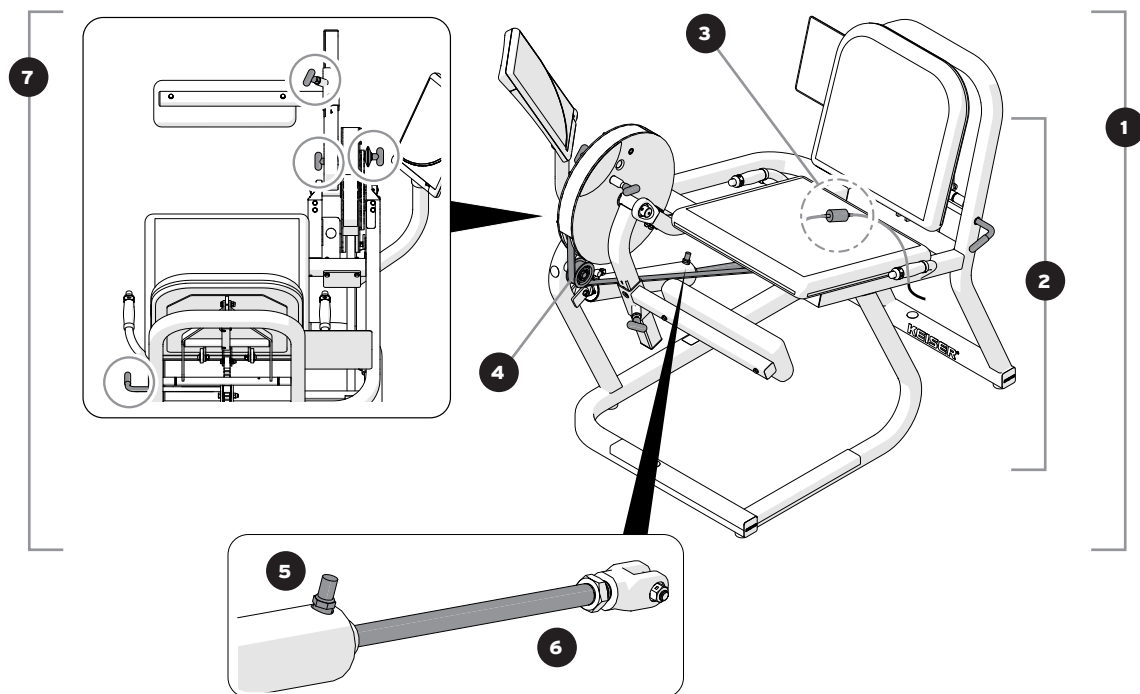
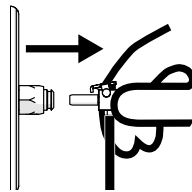




Figure 14. Annual Routine Maintenance Illustration

Contact Keiser Customer Support for replacement part(s) order, or for any matters regarding the safe operation of your Air250 Leg Extension (see back cover for contact information).


## REGULATORY AND COMPLIANCE NOTICES

Standards	ISO/EN 20957-1 Accuracy Class A (High accuracy) and Usage Class S (Studio, commercial use).
Marks	 

## SAFETY NOTIFICATIONS

**Displayed watts testing parameters:** “Current Power,” “Peak Power,” and “Percent of Peak Power” are not suitable for use in applications where the health and safety of a patient may be dependent on the accuracy of those parameters.

**Clinical Settings Note:** In clinical settings, patients may operate this equipment in accordance with this user manual and the instructions and guidance provided by the healthcare personnel responsible for supervising their treatment and care. However, patients shall not perform preventive maintenance, repairs or replace batteries on equipment installed in clinical facilities.

TYPE/DEGREE OF PROTECTION	CLASSIFICATION/IDENTIFICATION/WARNINGS	SYMBOL
The degree of protection against electric shock	Device is powered by two alkaline D cell batteries enclosed within the processor box of the machine.	N/A
The degree of protection against the ingress of liquids	Not protected.	N/A
The degree of safety in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide	Not suitable.	N/A
The mode of operation	Continuous.	N/A
Information regarding potential electromagnetic or other interference and advice regarding avoidance	The Air250 Leg Extension uses electromagnetic and RF energy only for its internal function. Therefore, its EMC and RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.	N/A
EMC Notices, Statement of Compliance	See Electromagnetic Compatibility (EMC) section, page 20.	N/A
ID of specified optional external power supplies or battery chargers	The Air250 Leg Extension does not require an external power supply.	N/A
ID of any risks associated with the disposal of waste products, residues, including disposal of the equipment itself at the end of its useful life	The Air250 Leg Extension contains electronic circuit assemblies, 2 alkaline D cell batteries, and a sealed lithium coin cell battery that may require compliance with specific local disposal or recycling procedures.	
The specification of the environmental conditions of transport and storage	Use indoor in climate-controlled environment only. Keep away from areas of extreme humidity. NOTICE: Equipment not tested at extreme high/low temperatures.	N/A

## ELECTROMAGNETIC COMPATIBILITY (EMC)

### EMC Notices – Statement of Compliance

This product has been determined to be compliant with the applicable standards, regulations, and directives for the countries where the product is marketed.

Compliance documentation, such as Declaration of Compliance for the product, are available upon request by contacting [service@keiser.com](mailto:service@keiser.com). Please include the product, model number identifiers, and serial number and country that compliance information is needed for in request.

Korea

이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

“This equipment is for home use and has acquired electromagnetic conformity registration, so it can be used not only in residential areas but also other areas.”

## US FCC COMPLIANCE STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## DISPOSAL



This equipment contains electrical or electronic components, alkaline batteries, and a sealed lithium coin cell battery that must be disposed of properly to comply with the EU Directive on disposal of waste electrical and electronic equipment (EU WEEE Directive 2002/96/EC).

Contact an appropriate waste disposal company upon the equipment's end of service life. Disposal must be in accordance with respective national regulation.

Wear parts: After being replaced, wear parts must be disposed of according to country-specific waste laws.

If you have any questions about equipment disposal, please contact your local dealer or Keiser Customer Support (see back cover for contact information).

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## **WARRANTY STATEMENT**

View or print your Air250 Leg Extension warranty online at [keiser.com/support/warranty](http://keiser.com/support/warranty).

If you have any questions about your warranty, please contact Keiser Customer Support at 1 559 256 8000 or via live chat at [keiser.com/support](http://keiser.com/support) (Monday–Friday, 7 am to 5:30 pm PST), or by email at [service@keiser.com](mailto:service@keiser.com).

Customers outside the United States may obtain warranty information directly through a Keiser international distributor or dealer in the country of installation, or direct from Keiser's international division.

### **European Authorized Representative**



**KEISER EUROPE SP. Z O.O.**

ul. Starodworska 1

Gdańsk 80-137

Polska

### **UK Responsible Person (UKRP)**

**KEISER UK Ltd.**

Unit 3, Hampton Industrial Estate


Hampton St., Tetbury

Gloucestershire, GL8 8LD

United Kingdom

**CUSTOMER SUPPORT**

If you have any questions regarding the operation of the Air250 Leg Extension after reading this manual, contact Keiser Customer Support:

 1 559 256 8000


 [service@keiser.com](mailto:service@keiser.com)

 [keiser.com/support](https://keiser.com/support)

Telephone and Live Chat  
Monday–Friday 7 am to 5:30 pm PST

**Manufactured in the USA**

**KEISER CORPORATION**

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