

GENERAL CHECKOUT PROCEDURE

1. Check entire unit for any visible evidence of damage, such as bent tubes, cracked or broken covers, frayed or damaged wires, etc. Wiggle and bend all cables at strain points to check for intermittent errors. If any signs of damage are found, the unit must be sent for repair before use.
2. Ensure that all knobs are usable and in place. Replace any missing or broken knobs.
3. Ensure that all slide freely as required. Especially, the foot assembly tube on the knee machines.
4. Check all displays and electronic controls for proper operation. If displays are not readable or present problems, the unit must be sent for repair.
5. Check all mechanical pivot and linkage points for smooth operation and secure mechanical connection. Make sure all screws, rivets, and pivot pins are secure. If unit is missing fasteners or rivets replace as needed.
6. Verify calibration by observing the range of motion of the unit while taking a visual reading using a goniometer at the knee pivot point on the unit at 0° and 90° versus ROM readings displayed on pendant. ROM readings should be within +/- 2° of the set parameters. If the readings do not fall within the set parameters, the unit needs to be repaired.
7. Clean all exposed surfaces. Use Scotch-Brite pads with 409 to clean any plastic surfaces, especially if there is carbon residue or grease. Use a soft dampened cloth to clean any non plastic areas, such as, orthosis assembly, pendant display, pendant buttons, etc.
8. Ensure that all labels are present. Replace any missing or damaged labels.
9. Perform an electrical safety check on the unit. Power cord resistance should not exceed .015Ω. Case leakage should not exceed 150μA.