

MOUNTING OF THE TORSION FIBER KM1116

Instructions for Use

Remove the rear glass plate and mount the torsion balance vertically with the torsion head towards the bottom. Loosen screws and remove the torsion head. Loosen screw and remove plates. Remove the arm with the two lead balls, mirror carefully, and place it with the mirror facing downward. Remove ring. Remove the replacement system from packing after loosening screws. The coupling is item attached to the balance arm where the ring was removed and is fastened with screw. The system is then carefully placed into the tube of the torsion balance with the torsion rod first. Place the balance arm with lead balls into the housing. Insert spacers and tighten screws. Let the system hang until there is no slack in the torsion fiber. Introduce the torsion head and make sure that torsion rod slides freely through the head. Tighten the torsion head with cylinder screw and then fasten torsion bar with screw. Remove the torsion balance and mount in normal position as indicated in the instructions for use. Loosen screw. A gap of 0.5 mm must exist between the balance arm and the housing. The system can be raised or lowered by holding the torsion rod and loosening screw. Turning the torsion head, the balance arm can be adjusted. The system reaches equilibrium in about 20 minutes. After this time, the torsion head can be locked by tightening screw.