



Technical Assistance: (800)257-5911 or (215)766-2670

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Model 2330™ Mechanical Cylinder Scale (PN: 2330-150LB or 2330-70KG):

The Model 2330™ Mechanical Cylinder Scale is assembled and calibrated at the factory, then partially disassembled for shipment. Some reassembly and set-up is required before the scale can be operated.

Base Anchoring, Installation & Wiring:

STEP 1: Remove all parts from box and inspect for damage – bent metal, broken wires, cracks in indicator, etc. Any shipping damage must be reported **to carrier!**

Parts Bag contains:

- 2) 33" chains
- 4) 'S' hooks
- 1) 'U' bolt
- 2) acorn nuts
- 2) split lock washers
- 2) flat washers

STEP 2: Locate a solid, relatively level spot on the floor to install scale platform.

STEP 3: Lay post and indicator down with back of indicator facing down. Remove packing tape with foam block on rod ends at bottom of post.

STEP 4: Remove two 5/16 inch hex bolts from post.

STEP 5: Loosen Phillips screws going through base into long lever near post, until they are flush with lever. **THESE SCREWS MUST BE ALMOST COMPLETELY UNSCREWED (BUT REMAIN ATTACHED TO LEVER) TO PREVENT BOTTOMING OUT WHEN SCALE IS FULLY LOADED.**

STEP 6: Mount base on the post and indicator assembly. Indicator should lie on the floor face up. The two 5/16" hex bolts and split lock washers go through bottom of base at the two "T" bar holes. Please note the direction of the stainless steel plate on the bottom of the post and do not change its position when attaching base! Stainless steel plate mounts on the top of the base between the base and post. Carefully screw in the two bolts until fully tightened. Use vise grip pliers or wrench to grab the end of the rod that comes down the post and through the base. This rod must have the ball firmly seated in the countersunk area of the long lever in the base. Repeat process for the other rod end.

Step 7: Stand scale up and install the cross bar with "U" bolt, lock and flat washers, and acorn nuts. The bar should be 3/4 the height of the cylinders to be used. The chains should fit snug around cylinders, but not so tight as to affect the weight of the cylinders.

Step 8: Step on screw heads one at a time to confirm that pointer will read above 150lbs. (68 kg.) If the pointer will not read above 150 lb. (68 kg), then the screw is not backed out far enough, or the lever is hitting the floor. Check for clearance under the base.

Step 9: Base **MUST** be secured in all 4 corners on smooth level floor, and chains ALWAYS used to secure cylinders. Loading, unloading, and operation of scale should be performed by Experienced, Trained People Only!

Step 10: Roll cylinder on to disc. Make sure cylinder is centered on disc. Put chains around cylinder; adjust so they do not restrict weighing of cylinders.

Step 11: Prepare the cylinder for operation. Adjust TARE knob to equal known net weight of cylinder contents. The scale is now ready for operation and will read net weight of gas remaining in the cylinders.