



# OEM Manual

## MODEL 2330™ DUAL CYLINDER MECHANICAL SCALE

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## Model 2330 Mechanical Dual Cylinder Scale

### Assembly Instructions:

To assemble scale, first check parts. There should be a post and indicator assembly, base, cross bar, and a parts bag. The parts bag should contain 2 chains, 4 "S" Hooks, 1 "U" bolt, 2 acorn nuts, 2 split lock washers, and 2 flat washers.

Start assembly on a clean, dry location. Lay post and indicator down with back of indicator facing down. Remove packing tape with foam block on rod ends at bottom of post. Remove two 5/16 inch hex bolts from post. 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.**

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.

**\*AS A TEST:** 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. 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.

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

### Operation:

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.

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.

### Factory:

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**Notice: Do not return any equipment without first contacting the factory. A return authorization number will be issued and it must be marked on all materials returned to the factory, accompanying a letter that explains the problem specifically. A Serial Number will also be required. It is located inside the indicator box.**