



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

Email: info@scaletronscales.com

Model 2350™ Dual Cylinder Scale [PN: 2350-150LB or 2350-68KG or (70KG)]:

The Model 2350™ Dual 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.

Assembly and Start-up instructions:

The load cells are secured to discs and mounted in the base housing. All wire connections in the base have been made and sealed at the factory. **The digital controller is assembled and calibrated to the base at the factory.** The customer must mount the pedestal, crossbar and chains, indicator, and reconnect wires to the printed circuit board before scale can be operated.

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 Contents:

- 1) post (3'x3'x59" shipped separately)
- 1) crossbar
- 2) 33" lengths of chain
- 4) "S" hooks for securing cylinders
- 1) "U" bolt
- 2) acorn nuts
- 4) flat washers
- 4) lock washers
- 2) 5/16-18x1 ¼ hex bolts for mounting indicator to post
- 2) 5/16-18x1 ¾ hex bolts for post to scale base

Step 2: Place the scale on a solid, dry, and even surface. Clear the area of all debris where the scale base will be anchored.

Step 3: Feed the wires from the scale base up through the post and bolt scale base to the post using 2) 5/16-18x1 ¾ hex bolts, 2) flat washers and 2) lock washers.

Step 4: Open the controller box and install 2) black liquid tight fittings in the center holes. Feed the wires in the post, up through the black liquid tight fittings and snug the fittings on the wires. Fasten the indicator to the post using 2) 5/16-18x1 ¼ hex bolts, 2) flat washers and 2) lock washers **being careful not to bump any electronic components.**

Wire Color Code:

YELLOW CODED CABLE

Common, 4-20mA Return*=Ret
+ 4-20mA Output* = Out
Green = G= + Signal
White = W= - Signal
Black = Bk= - Supply Voltage
Red = R= + Supply Voltage

BLUE CODED CABLE

Black = Bk= - Supply Voltage
Red = R= + Supply Voltage
Green = G= + Signal
White = W= - Signal
Common, 4-20mA Return*= Ret
+4-20mA Output*= Out

Step 5: Secure the cross bar to the post using "U" Bolt, 2) Flat washers, 2) lock washers and 2) acorn nuts. Fasten the chain to cross bar with two "S" hooks in the holes provided. The cross bar should be at the proper height to restrain the size cylinder being used.



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Step 6: Anchor scale base to floor at all four corners of scale base on level surface.

*****See controller manual for rest of set-up and operating instructions*****

Replacement Parts:

PN: **2350LCC** – (1) set Load cell cable bolt, flat washer & jam nut

PN: **2350LCA** – Set of (3) load cells in a wired array for 1 side of scale

PN: **2350RBK** – Rebuild kit includes (2)3-load cell arrays, (6) load cell cable bolts and mounting hardware for (6)load cells

PN: **2350RD** – replacement disc for scale base

PN: **2350JNB** – Jam nut & bolt for mounting load cell to disc