



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

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Model 3000™ Ton Cylinder Scale Base [PN: 3000-2000LB or 3000-907KG (or 1000KG):

The Model 3000™ Ton Cylinder Scale Base 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:

Before assembly, take note of the scale base and indicator serial numbers. The scale base and indicator serial numbers must match each other for proper operation! If configured with dual channel indicator: Ch 1 = blue heat shrink tubing, Ch 2 = yellow heat shrink tubing. Refer to controller installation instructions for guidance on wiring.

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: (strapped to scale base)

- 1) Leveling foot w/ jam nut

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

STEP 3: Position pivot plates on the floor so the base is in the desired position. Floor must be close to level, but if the base is out of level from side to side, shim pivot plates to level scale from side to side and prepare anchor bolts. Mark and drill (3) holes per pivot plate into concrete and anchor with lag anchors.

STEP 4: Screw leveling foot into load cell and adjust leveling foot until scale frame is level from front to back. Place a level across the UHMW rollers from front to back to achieve level. ***This leveling adjustment is critical to accurate operation of the scale.*** Tighten the nut on the load cell leveling foot stud so that foot does not twist off of level. Nut should be a little more than hand tightened.

STEP 5: Attach FLEXIBLE conduit to fitting provided on scale frame. It is recommended that at least 2 foot of horizontal flexible conduit be used to allow proper and accurate operation of scale. Rigid conduit can then be run either to a junction box or directly to the Scaleton controller. This will be determined by individual installation conditions.

STEP 6: If a junction box is used, mount it to wall and, using the supplemental instructions, make the proper connections.

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

Replacement Parts:

PN: **SB/SS-4K-LC** – 4K replacement load cell & shim

PN: **3000LF** – Ton Scale Leveling foot w/ jam nut

PN: **3000UHMWR** – Replacement UHMW wheel

PN: **3000AP** – replacement SS axle & pins