

ELECTROMATIC Equipment Company, Inc.

600 Oakland Avenue, Cedarhurst, New York 11516

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Unpacking and Setting up the Operating Stand

All Check-Line operating stands are completely assembled and tested at our plant to ensure a quality product.

Your Check-Line operating stand is packaged completely assembled, but there are some basic steps that must be performed before using it for the first time.

1. Unpack the stand. Take special care to support the stand from the bottom when unpacking, or whenever moving the stand.
2. Clean the stand and specimen holder with alcohol if necessary. The stand should then be placed on a clean, flat surface that will be free from vibrations.
3. Loosen the column lock lever and raise the arm assembly to the top of the column, then re-tighten the lever. For ease of use, the position of the column lock lever can be adjusted by pulling out on the lever and then rotating it until it is in the desired position.
4. To install the durometer first remove the dust cap located at the top of the indicator. Then attach the knurled stainless steel stand adapter to the top of the indicator where the dust cap was located. Now place the provided thumb screw through the hole in the stand holder bracket and carefully attach the gauge by threading the thumb screw into the stand adapter. To prevent damage to the gauge, take care not to over-tighten the screw - only use enough force to secure the gauge.

Testing Procedure

Your Check-Line Operating Stand has a built-in load weight that applies the proper force - thus eliminating human error.

1. To raise the gauge off the specimen turn the knob in a clockwise direction until the gauge is clear, then replace the specimen with another and slowly lower the durometer until the foot makes contact - the durometer will then indicate the hardness value of the specimen. **CAUTION** - if the gauge is raised either by lifting the arm assembly or by turning the knob, care should be taken not to let the indenter or foot of the gauge strike against the specimen holder or base thus damaging the gauge.

Only for Dampened Operating Stands

- * To hold the gauge in the "up" position - use the thumb screw located on the opposite side from the knob. When the gauge is raised tighten the thumb screw to hold in the up position. Then simply loosen the thumb screw to let the gauge lower down.
2. Your stand is equipped with an adjustable air dampener, which will automatically lower the durometer at a constant rate. Check-Line presets the stand to lower the durometer through its full range of travel in approximately one (1) second.

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Setting the Travel

To set travel; raise the upper arm assembly high enough to place the test specimen on the specimen holder. Now lower the upper arm so that the foot is in full contact with the test specimen. There should be an approx. 1/8in. gap between the upper arm and weight or lift arm depending on the model stand.

Note: Weight or lift arm should not touch the upper arm while performing test.

Diagram

