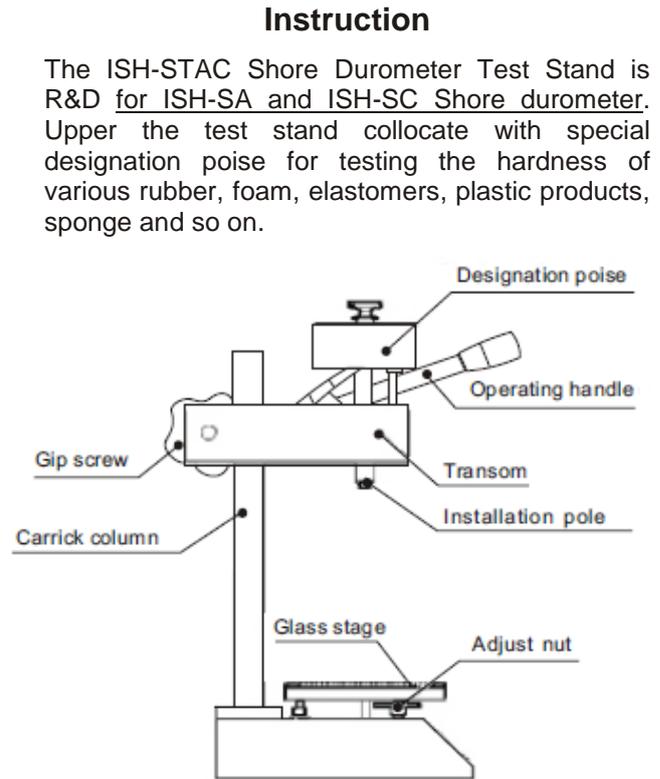


Shore Durometer Test Stand Model ISH-STAC OPERATION MANUAL



The Test Stand construction include: carrick column, transom, adjustable glass stage, designation poise, operation handle, grip screw. After a good adjustment the value will be more accurately.

Operation

1. Put the transom near to the top of the carrick column through the grip screw. Check that the screw on the top of the designation pole is completely screwed (otherwise screw it counterclockwise).
2. Fix the Shore A/C durometer on the test stand, screwing it counterclockwise in the installation pole, after having removed, by unscrewing, the knurled knob at the top of the durometer.
If after the durometer is screwed, the dial is not in front of the user, slightly force the screwing of the durometer and then block it by screwing counterclockwise the screw on the top of the designation pole. Check that the needle is pointing zero, if not, remove the durometer and check the absence of dirty obstructing the tip stroke both in upper and lower side.
3. Adjust the grip screw to make the transom in a suitable position (with the durometer base at about 15mm from the glass stage). Please note: because the poise is heavy, hold it with hand in order to prevent durometer cracking the glass stage.
4. Move the operating handle to put in contact the durometer base with the glass stage. The needle should point to 100; if not point to 100, it means that the durometer base is not perfectly parallel with the glass stage. In this case adjust the two knurled screws in the lower side of the glass stage in order that the needle points to 100.
5. If the needle is still not pointing to 100, loose the screw on up-right of the durometer and turn around the dial make the needle to 100. Loose the operating handle and press it again, the needle should point to 100. In this case it's not necessary that in rest position the needle points to zero.
6. Place the test sample on glass stage and drive handle; under the weight of designation poise, durometer's plane touch with the test sample completely. At this time, the value is showed on durometer is the Shore hardness of the test sample.

Please clean the test stand after use it.