



# Orion PTS

PRECISION TESTING SOLUTIONS

## OR-DTS

### Durometer Test Stand

V1.01

Introducing a brand new range of materials testing equipment from **Orion-PTS**.

**The Durometer Test Stand** designed and manufactured by **Orion PTS** to comply with ASTM D2240 enables hardness testing of plastics, soft polymers and rubbers to be conducted with repeatability and accuracy that otherwise may not be possible using the hand held method due to user inconsistencies by the way the Durometer is offered against the material under test.

Simple mounting of the durometer to the test stand and applied weights to ASTM D2240, amongst others, enable known constant loading forces to be applied to the sample under test.

Extremely simple to operate the lever operated test sample bed which the sample is placed on, is simply raised into the Durometer indenter in a vertical direction lifting the durometer and applied weight giving the constant loading force increasing operator control, reducing operator hand held effects on the sample and increasing results accuracy and repeatability of test results.

The bench stand is compatible with both Shore A and Shore D Durometers offered by Orion PTS. Test Loads are available to compliment the instrument depending on the durometer type being mounted on the stand. Also available is an optional "V" block for testing cylinders or tube type samples.



#### Specifications

- Lever operated type test stand
- Manufactured to ASTM D2240 International Testing Standard.
- Simple durometer mounting
- Adjustable height
- 90mm  $\varnothing$  test sample bed
- Dimensions - 22.5cm x 18cm x 50cm
- Weight (kg) - 7kg
- Product user manual
- UKCA/CE Declaration

#### Options

- Test Load - 1kg (Shore "A" testing)
- Test Load - 5kg (Shore "D" testing)
- "V" block
- Durometer Shore A scale
- Durometer Shore D scale
- Rubber reference blocks (Shore A)
- Rubber reference blocks (Shore D)