

SC-A,C,D type digital durometer

OPERATION MANUAL

A-type apply to normal rubber,soft rubber,polyester,leather,wax and so on.

D-type apply to normal hard rubber,hard resin,acryl,glass,thermoplastic, printing plate,fiber and so on.

Measure up to standard DIN53505,ASTM D2240 ISO/R868,JIS R7215

A.OVERVIEW

Shore rubber durometer is a type of vulcanized rubber and plastic product. It has A,D and C types.

A and D type apply to the test of low and medium hardness and high hardness material.C type is suitable for 50% condensation,0.049MPa stress, use rubber and plastic together,rubber include the shoes cellular material which is made of foamer. the durometer carry out the provision of GB/T531-99,GB2411-80,HG/T2489-93 and JJG304-2003.

B.KEY PARAMETER

Graduation:0-100 degree, Indentor running:0-2.5mm

Indentor press on telos:A,C type 0.55N-8.06N,D type0-44.5N

C.USAGE

Put the sample on the stable plane,carry the durometer,the indentor keep 12mm away from the edge,press the sample reposefully,make the indentor press it vertically,then read it untill the durometer end and the sample contact completely.measure the hardness at least 5 times in different place away at least 6mm from the sight,averaging(micropore material sight at least keep 15mm).In order to steady the measuring condition,improve the measuring precision,put the durometer set on the same model assaying rack for measuring.

D.USER GUIDE

Make zero before measure it.when durometer press on the glass,the hand should be on the position of 100 degree.Press the hand several times if it's not on zero or 100 degree.if use on the rack, can lift the hand shank,make the durometer under the gravity of the poise,the press part and the talbe contact completely,the reading should be 100 ± 1 (degree),if it's not 100 ± 1 (degree), use the hand wheel to adjust it.if it's still not workable.pls send to the manufacturer.

Rubber sample should accord to GB/T631-99 requirement ,plastic sample GB2411-80,rubber cellular material GB2489-93.

If it's possible,the rubber smaple should accord to the requirement of GB2411-80,GB2981,measure it again under the standard temperature in the lab the samplemeasured by A type durometer when the measure value pass 90 degree Recommend to use D type durometer.when the measuring less than 20 degree,use type A durometer,the measure result is not workable when the measure value less than 10 degree measured by A durometer.After use it,clean it and put into the box,keep in dry place,clean the rack,coated with oil,avoid rusting,the durometer accord to the rule of JJG304-89,check up it often.

If the user obey the safekeeping and service condition,within 6 month from the purchase date,it's of the product problem,we will repair it or exchange for free.

MADE IN CHINA