



Specific Gravity Balance

Specially For Rubber Product Manufacturers To Improve Quality.

Fitted with
Swiss Bearing
for reliability



Direct Reading of SPECIFIC GRAVITY for RUBBER AND RUBBER - LIKE MATERIALS

INTRODUCTION

The MIKROTECH SPECIFIC GRAVITY BALANCE is simple and quick to use and it reads DIRECTLY in SG thus reducing labour and eliminating calculation.

Test pieces (even moulded and similar components) between 5 and 12 gms. may be used.

APPARATUS

The apparatus consists of a rigid aluminium plate mounted vertically on a heavy cast base. The SG scale is printed on the vertical plate and a pointer is pivoted on fine bearings to register with the scale. The test piece is suspended on a needle from an arm at one end of the pointer which is initially set to A

with the test piece in air by means of two sliding balance weights. The test piece is then immersed in water, contained in a glass beaker. The beaker is located on a platform which is capable of being raised and is counterbalanced for stability. When the test piece is immersed the pointer reads SG.

CALIBRATION

The SG scale is calibrated from 0.9 to 3.0 as under :

From : 0.9 to 2.0 graduated 0.01
2.0 to 2.5 graduated 0.02
2.5 to 3.0 graduated 0.05

For most elastomers, the SG lies between 0.9 and 2.0 and test results in this range may be read directly and accurately to two decimal places.

Our Other Products : Electronic Tensometer (Bench model Tensile Testing Machine, Cap.20KN) • Rubber Hardness Tester Calibrator