



### SPECIFICATIONS:-

Designed to determine the dynamic water resistance of leather by means of repeated linear compression in accordance. The machine should have two pair of cylinders each of diameter  $30.0 \pm 0.5$  mm mounted with their axis horizontal and coaxially aligned. A maximum separation of the cylinders in each pair of  $40 \pm 0.5$  mm must be available. Electric motor which drives the moveable cylinder backwards and forwards along with crank motion of  $50 \pm 5$  cycles/minute of reducing the separation of the cylinders above in each pair by a throw or amplitude of  $1.0 \pm 0.1$  mm;  $1.5 \pm 0.15$  mm;  $2.0 \pm 0.2$  mm;  $3.0 \pm 0.3$  mm; ( $4.0 \pm 0.4$  mm; or  $6.0 \pm 0.6$  mm ) and returning them back to their original separation under a simple harmonic motion. The above amplitudes of the crank motion are such that the test piece is compressed by 5%, 7.5%, 10% or 15% respectively when the cylinders approach one another. Ring shaped clamps such as jubilee clogs, of internal diameter adjustable between 30 and 40 mm to fit around each cylinder above. A method of (Tank) containing a fixed quantity of water around the pair(s) of cylinders so that the water level can be adjusted to a maximum of 5mm above the axes of the cylinders. Tank must be made from non-corroding material. The is included an electrical circuit that indicates when water has penetrated through the test piece. Accessories: 5 packs of absorbent cloth: i.e 100% cotton and weighing about 300g/m<sup>2</sup> with manufacturer certificate, 1pcs of cutting die for determination of water penetration test as per the standard.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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