



SPECIFICATIONS

Shoe lace abrasion machine is designed to test the abrasion resistance of lace to eyelet (shoe lace to repeated rubbing to eyelet). This method utilises a standard eyelet mounted on a rigid board and the lace to be tested. Laces should be stored in a standard controlled atmosphere for at least 48 hours before testing. The equipment has six stations for testing laces. Eyelets affixed to rigid boards are placed in the holders provided. One end of the lace to be tested is clamped in a carrier and the other end is passed through the eyelet and then fixed to a weight capable of applying a tensioning force of 4.46N to the lace. The machine moves each lace a distance of 75mm through the eyelet at 100 cycles per minute. The movement of the carrier causes the lace to rub in the eyelet. Each station has a separate counter and, when a lace breaks, the count is stopped on that station. When all six laces have broken, the machine will stop. This machine should be used to test eyelets against standard shoelaces or alternatively shoelaces against standard eyelets. Standards:

Sampling: 6 group, Weight: 455±5g, Stroke: 76±2 mm, Eyelets Φ : 4.5mm, Speed: 100±5 times/min, Fiber board (L x W x T): (25 × 25 × 3) mm, Dimension (L x W x H) cm: (55 × 56 × 40) cm, Weight: 62 kg, Power: 220V, 50Hz. General requirement: a set (six stations) of stationery clamps, a set of movable clamps at 280 ± 50 mm minimum separation 310 (D) for maximum separation of 35 ± 5mm to one side of stationary clamp apply, a force of 2.45 ± 0.03N (50 ± 3 g) vertically from lower end of the lace. Movable clamp moves a distance of 35 ± 2mm at a rate of 60 ± 6 cycles/minutes. A counter is attached at each station and a set counter attached in the m/c. separately standard eyelets, with the following characteristics: construction visible (standard /flat) type, Material type: brass, Nominal internal barrel diameter:4.5mm, Nominal overall length:5.5mm. Accessories: all necessary spare parts kit for running the instrument and maintenance.

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



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