



SPECIFICATIONS

Bata belt flexing machine designed to determine the crack initiation and growth due to repeated flexing of outsole. machine should provide one of the best indications of the risk of cracking of shoe soles due to flexing in wear. Larger main drive pulley provides the rotation while the smaller of the two pulleys determines the severity of the flexing action. Equipment should be supplied complete with three small pulleys of varying diameters to increase or decrease the amount of flexing. endless belt that accommodate six sole units, subject to the style and size. Sole units bonded to the belt using a strong adhesive. belt made of canvas and construction allows the number of complete cycles to be counted which is equal to the number of flexes of the test sample. The flexing area is provided with a full guard interlocked with the machine controls to ensure the guard cannot be opened until the belt has stopped. machine should be suitable for the testing of all shoe sole units and should be used with other flexible materials.

Belt Dimension: Length: 1930 ± 50 mm, Width: 140 ± 5 mm, Speed: 90 ± 8 cycles/min, Big Wheel Diameter: 225 ± 5 mm, Small Wheel Diameter: 60 ± 0.5 mm, 90 ± 0.5 mm, 120 ± 0.5 mm, Capacity: Max 6 sole, Counter: Touch Screen, 0-999,999, Noise: 67 db, Dimension(W×D×H)mm: (1450×600×600)mm
 Weight : 170kg, Power Supply: AC 220 V \pm 10%, 50Hz/60Hz,
 Power consumption: 400W.

General requirement: The machine is equipped with three freewheeling slightly crowned flexing roller (inter changeable), a driven slightly crowned roller, a flexible continuous belt of cotton canvas, a motor driving the larger roller at a speed of 247 rev./min. so that the belt completes 90 flexing cycles/minute, a programmable digital counter supplied with operating instructions, maintenance instruction, conformity/calibration certificate for recognized/accredited organization, canvas belt, 3 interchangeable rollers (60,90,120 mm).
 Accessories: Flexible continuous belt of cotton canvas (1930 ± 50) mm and width (140 ± 5) mm. Cotton canvas is 2-ply 100% cotton having a mass per area of (500 ± 25) g/m² the extension at break along the belt of (14 ± 2) % at a breaking. Force of (2000 ± 200) N. The corresponding across-the belt values are ($14 \pm$) % and (750 ± 50) N.

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



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