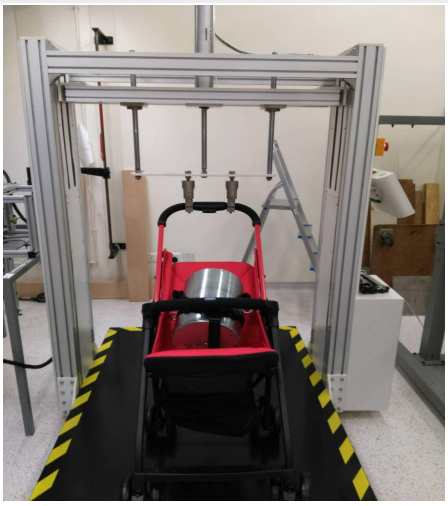
Product Information

TC-002B Baby Stroller Handles Testing instrument

Use: This machine is suitable for hand-push Baby Carriage beyond the obstacles made by the simulation under the pressure of raising durability test,

Standards:
EN1888 section 8.10.6.2.2 , 8.10.6.2.3



Technical specifications

Display: touch-screen, PLC control
Air cylinder stroke: 200~350mm adjustable
Test frequency: 15 ± 2 cycles/min.
Test area: 100x175cm
Beam height adjust: power-driven 35cm
Test station: one position
Grip distance: 11cm to 41 cm
Height of Test wheels from ground: 120±10mm
Test pressure: 450N±5% adjustable
Test cycles: 10000 cycles
Auto counter: 0~99999times, electricity, power cut memory function
Machine dimension: 138x175x200cm
Power: AC ~220V 50Hz
Weight: About 450KG

Test:

Alternately raise and lower the handle(s) by applying a vertical force to the handle so that the rear wheels
and front wheels in turn are raised (120 ± 10) mm, measured at the start of the test from the floor and then lowered in a controlled manner without pause.
Carry out the test for a total of 10 000 cycles at a frequency of (15 ± 2) cycles/min.
Where the downwards force necessary to lift the front wheels exceeds 450 N, carry out the test by
applying alternately a downwards 450 N force and an upwards force necessary to raise the rear wheels for 3 000 cycles at a frequency of (15 ± 2) cycles/min, then continue the test by only raising the rear wheels (120 ± 10) mm for additional 7 000 cycles at a frequency of (15 ± 2) cycles/min.