



SL-S32 Yo-yo Ball Tester

It is to measure the initial length and elastic constant of the Yo-Yo ball. Including steel ruler, measurement and graduated scale and weights.

Apply a mass (including the mass of the free clamping device) of $(0,1 \pm 0,005)$ kg to the free clamping device parallel to the axis of the tether made of elastic material and measure the distance L1 between the two clamps in millimeters to an accuracy of ± 1 mm. Remove the force and allow the tether made of elastic material to relax to its approximate original length.

Apply a mass (including the mass of the free clamping device) of $(0,2 \pm 0,005)$ kg to the free clamping device.

Measure the distance L2 between the two clamps in millimeters to an accuracy of ± 1 mm.

Interface display: rotating speed, length, start/stop/reset. (digital display, page display the speed and length);

Specification

Length measuring system, DC motor with speed adjustment, intelligent MCU control.

Wall fixing support or floor stand seat (adjustable)

Encoder and intelligent control signal transmission system

Rotating speed: 1-150 (adjustable)

Stroke: 0-1000MM (adjustable)

Dimension: 400*1000*1400

Weight: 80kg

Testing Standard BS EN71-1 2011

