



EQUIPMENT FOR TESTING THE SHARPNESS OF RIMS MODEL 5134

DESCRIPTION

Equipment for testing safety of baby and child footwear as well as safety of toys.

This machine is used to carry out the test for sharp tips and rims as well as footwear accessories as buckles, metallic ornaments, eyelets, pins, etc.

Determination of sharpness of rims.



TECHNICAL CHARACTERISTICS

- In accordance with Standards: EN 71-1 and UNE 59300:2017 paragraph 7.3.
- Tactile terminal to manage test parameters.
- $9,53 \pm 0,12$ mm mandrel.
- Mandrel with roughness not higher than $0,40 \mu\text{m}$.
- Mandrel with surface hardness not higher than 40 Rockwell C.
- Adjustable constant rotating speed of mandrel of $23 \pm 0,12$ mm/s, in accordance with Standard.
- Adjustable acceleration and deceleration ramps.
- Device for applying strength on the mandrel that is perpendicular to its axis.
- Weight for applying a 6 N strength on the mandrel.
- Clamp that allows the easy placing of test piece with variable angle in order to find the position that offers the most risk for the user.
- Ratio between sharp rim and mandrel of $90 \pm 5^\circ$.
- Counterweight for leveling the support with the clamp and test pieces.
- Working voltage: 220V 50/60Hz single-phase.