BOSSA NOVA VISION

Sirtaki

Hair Combing Machine

Abrasion & hair strength testing

Automatic fine combing

Adjustable RPM

Back-lighted fibers trays

Automatic combing to analyze abrasion resistance and hair strength is an essential tool for Hair Care R&D laboratories. The SIRTAKI combing machine provides an adjustable combing rate - from 1 to 2.3 Hz with a steady, even torque - for up to 6 swatches at a time. It can be left to run for hours. A back-lit tray under the combing mechanism can be slid open to identify and analyze the collected broken hair fibers.

The instrument is operated using a simple interface on the controller on the side of the system. The user can start or stop the combing rotation, and adjust the combing rotation speed from 15 to 35 rpm (combing frequency from 1 Hz to 2.3 Hz). An emergency STOP button is present (in red) to stop the combing in case of a hair swatch being stuck or tangled. A RPM indicator displays the speed of the combing rotation.

Each slot is fitted with up to 4 evenly spaced and easily replaced combs. The swatch mounts are attached to a height-adjustable bar for maximum adaptability. Hair swatches can be easily removed and attached with the thumb screws mechanisms.

SPECIFICATIONS

COMBING LENGTH	6" (15 cm)
SWATCH LENGTH	Up tto 10" (25 cm)
SWATCH TRAY	Removable (easy to clean)
ROTATION SPEED	Adjustable: 15 to 35 rpm
COMBING FREQUENCY	Adjustable 1 Hz to 2.33 Hz combing (if using 4 combs per channel)
COMBS	6" (15 cm)
DIMENSIONS	*Width* 27" (67.5 cm) *Height* 22" (55cm) tall *Length (Drawer closed)* 22" (55cm) *Length (Drawer open)* 36" (92 cm)
WEIGHT	67 lbs. (30 kg).

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