

## **Ultrasonic Hair Straightener**

### **SPECIFICATIONS:**

power 25-45 W, 220 V

Ultrasonic frequency: 28,500 times/second

infrared wavelength: 690 nm

**WORK WITH THE STRAIGHTENER with BRAZIL KERATIN products**

**BRAZIL KERATIN DEEP REGENERATION TREATMENT – cold mask**

Wash your hair with BK shampoo then rinse.

Dry your hair with a towel.

Apply the BRAZIL KERATIN cold mask thoroughly to your hair then comb through your hair with a fine-tooth comb.

Separate your hair into several sections for easier straightening and straighten all your hair with the ultrasonic straightener. Straighten each section 3-5 times. Then leave the product to act on your hair for another 10 minutes.

Rinse your hair with water without using shampoo.

Apply the BRAZIL KERATIN non-rinse serum to wet hair.

Blow-dry hair in the normal way.

DEEP REGENERATION TREATMENT – supporting colour durability

Use on the day your hair is dyed or highlighted.

Wash hair with BK shampoo and then use BK conditioner.

Dry your hair with a towel.

Thoroughly apply the BRAZIL KERATIN non-rinse serum to your hair then comb through your hair with a fine-tooth comb.

Separate your hair into several sections for easier straightening and straighten all your hair with the ultrasonic straightener. Straighten each section 3-5 times. Then leave the product to act on your hair for another 10 minutes. DO NOT RINSE!!!

Blow-dry hair in the normal way.

If necessary, use BRAZIL KERATIN OIL.

## FAQS:

### **1. WHY WAS THIS DEVICE MADE?**

The disadvantages of oil treatments and dyeing hair are well known. The absorption of oil and pigment is not always complete so the hair cuticles do not always close fully. This means your hair will not look shiny and silky. Heating hair always damages the hair in some way. The application of heat to hair cuticles has a greater effect which leads to a loss of hydration in the hair and hair proteins. Using this straightener, treatment absorption is increased by 40-60%.

### **2. WHAT PRINCIPLE DOES THE LONG INFRARED BEAM WORK ON?**

In hospitals, doctors use infrared beams to treat injuries perfectly and painlessly. In the ultrasonic straightener, infrared beams are used to treat damaged hair fibres

and stimulate blood circulation at the roots so your hair is healthier and better nourished. Elemental amino acids are formed from 68,000-Hz ambipolar light (with a wavelength of 68,000 m) and the hair protein when exposed. This creates a new amino-connection which restores the elasticity of the hair fibre. Your hair will look beautifully healthy, shiny and flexible again.

### **3. HOW DOES ULTRASOUND WORK?**

A water molecule exists in three states: solid (below 0° C), liquid (at normal temperatures) and gas (over 100° C). Devices with vibrating magnetic waves may change the water to a gaseous state directly and change the structure of the molecules at a normal temperature. Using dynamic magnetic vibrations 36,000 times per second, ultra-micro-molecules of water, protein or other nutrients penetrate directly into the cortex (the hair nucleus).

#### **4. HOW DO THE INFRARED AND ULTRASONIC WAVES WORK TOGETHER?**

Nutrition and pigments are absorbed into the hair more efficiently with ultrasonic waves and by using long infrared rays the damaged hair fibre is immediately restored. It nourishes and repairs the hair inside and out, providing increased elasticity and preventing split ends, and also absorbs nutrients and pigment into the hair quicker and better.

#### **5. HOW LONG DOES THE TREATMENT LAST?**

About 1-2 months. The protein is restored, the elasticity of the hair is increased and the nutrition or colour pigment is absorbed more efficiently without heating the hair and without damaging the hair fibre.