

TWO HIGH-TECH UNITS SELECTABLE WITH SENSIBILITIES

Two bodies packing advanced high technology ... **NE95-LG** (Light Grey) & **NE95-SB** (Translucent Blue)

Optimal Control by Microcomputer

The unit is ever-more easy to use due to the high-performance microcomputer (CPU) packing NSK's long-established know-how and latest ideas about dental engines. Controlling the motor optimally according to the materials to be cut such as metal, gypsum and resin and the bur in use has eliminated previously caused chattering and jumping of the bur. This allows more precise and smooth cutting and polishing. Also, either motor handpiece **UM50T** or **UM50C** is connected to the unit is automatically judged, so that the characteristics of each motor can be used to the full.

Eco-Friendly Design

The electronic circuits have been eco-friendlily designed, minimizing the power consumption. Power losses generating heat in the unit are very small, and no radiating fan is required.

AUTO CRUISE Function

The unit is provided with the AUTO CRUISE function to fix the rotation speed during work with the foot pedal. Since the same work can be continuously performed without using the foot pedal, foot fatigue can be reduced.

Compliance with EMC and other safety standards

NSK also gives consideration to invisible performance. ULTIMATE 500 complies with the world's most rigorous EMC* standards in the Europe. It has been designed to be very safe in electromagnetic terms so as to curb a generation of jamming electromagnetic waves (noise) which may cause a failure or malfunction in other equipment and so as not to be affected by external electromagnetic waves. It also complies with strict safety standards EN50144-1 in the Europe. Safety of workers comes first.

*EMC (Electromagnetic Compatibility)

Self-Diagnosis Function

The unit is provided with the self-diagnosis function to understand the status of the unit and motor on startup and when trouble occurs in consideration of safety.

Error Code Display Function

The unit includes the error code display function to check the status of the unit for easy troubleshooting when trouble, such as a failure, overload or wire breakage, occurs.

Smooth Operation

Since the microcomputer always monitors the operation of the motor, start and stop operations are very smooth, being free from cocking (tapping) in low speed area. Also, even if the rotation is switched from forward to reverse while the motor is running, the rotation is reversed after its stop is confirmed, therefore no shock is felt in hand. The design is safe and easy on the hand.

2-Digit Digital Display

A correct rotation speed is digitally displayed by the 2-digit display. Even when the motor is stopped, the rotation speed can be set and checked. It is very safe that whether or not the set rotation speed is within the correct range can easily be checked before rotation when a large bur is used. While the motor is running, the actual rotation speed appears, and one second after stopping, the set rotation speed appears.



Maintenance Mode Setting

The unit is provided with the maintenance mode to check the basic operations of switches, digital display, pedal, motor, etc for trouble. When trouble occurs, this is useful for users to find the faulty point easily.

Front panel having good operability

The power switch is a highly reliable dust-proof switch, and is arranged one step below the panel so as not to be pressed by mistake. Other switches are panel switches that excel in operability and design.



Operation Check Sound

When each switch is operated, long or short beeps are made so that operation can be checked more reliably.



NE95-LG
Light Grey

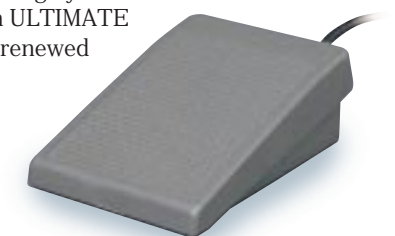
Control unit
NE95-LG Light Grey
NE95-SB Translucent Blue
*Specifications other than the color are the same.
Power source : 120V, 230V AC 50/60Hz
Weight : 2.6 kg
Dimensions : W172XD230XH94 mm



NE95-SB
Translucent Blue

Foot Pedal

The foot pedal highly regarded with ULTIMATE 500 has been renewed in dark grey.



FC-40