

A5051 MICROMOTOR HP50T (foot, bench or knee control)



Product group

Laboratory micromotors

Essential features

- ⇒ High speed and high performance BRUSHLESS motor
- ⇒ It can be used on all metals, ceramics, and resin
- ⇒ Adjustable speed from 1.000 to 45.000 rpm by means of potentiometer located on the control panel and by means of progressive foot or knee control
- ⇒ Reversible rotation
- ⇒ Electronic torque balancing system under intensive stress at low speed
- ⇒ Electronic protection switch (if absorption is more than 3.5A for 2 seconds, the electronic control stops the unit)
- ⇒ Display with speed or error codes
- ⇒ Removable side panel to fasten the unit to bench side allowing for knee use
- ⇒ Forced ventilation cooling system
- ⇒ Possibility to work manually, without foot control
- ⇒ Light and ergonomic handpiece – weight 195g
- ⇒ All rotors and stators are balanced in order to reduce frictions and vibrations
- ⇒ Shielded bearings with antidust protection and permanent lubrication with innovative grease

Standard pliers

Ø 2.35 mm

Pliers on request

Ø 3.00 mm

Motor type

High frequency AC brushless motor

Motor tension

Low voltage (0-30v AC)

Rotation speed

1.000 – 50.000 rpm

Rotation

Reversible

Motor power

140W

Max torque

68 mNm

Handpiece dimensions

Ø 26 mm (MAX) – length 163 mm

Line tension	230v AC 50/60 Hz
Electric absorption	160 W
Fuse	2A
Length of supply unit	95 mm
Depth of supply unit	270 mm
Height of supply unit	230 mm
Net weight	4.5 Kg
Gross weight	5.8 Kg