



WAX DIPPING UNIT

HOTWAX



USER AND MAINTENANCE MANUAL



1. DESCRIPTION

HOTWAX is an electronic wax dipping unit to heat and liquefy modelling waxes commonly used in the Dental Laboratory. The compact dimension of the pot allows a faster heating and an easy immersion of the stumps.

A movable cover protects the pot when this is not used.

The unit can be easily preset to attain the melting temperature (temperature range from 30° to 120°C). The extremely

precise temperature control system ensures that the structure of the product is optimally preserved.

The display will show, alternatively, the preset or the real-time temperature.

These are the main advantages of using HOTWAX:

- considerable elimination of wax fumes
- possibility to preset the ideal melting temperature
- constant fluidity of the wax
- no structural modification of the wax product

2. TECHNICAL SPECIFICATIONS

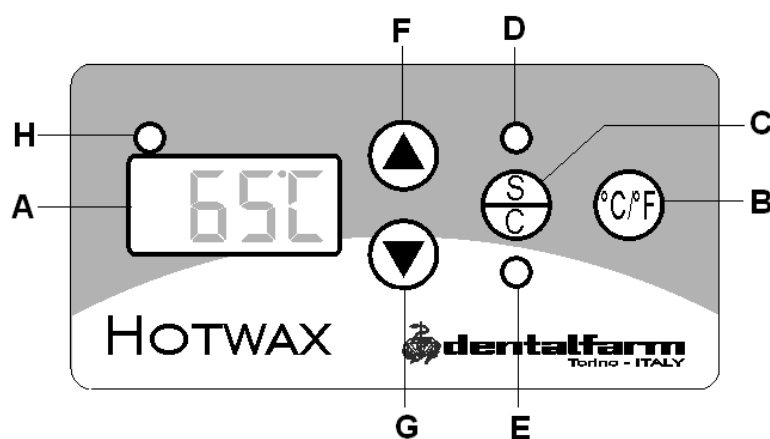
Description	
Control unit – length	115 mm
Control unit – width	150 mm
Control unit - height	70 mm
Net weight – Gross weight	0,45 kg – 0,7 kg
Available pots	1 Ø30mm x 25mm width
Tension	230 v AC – 50/60 Hz
Fuse	2.0 A
Absorption	80 W – 1.2 A
Temperature control range	from 30°C to 120°C

3. INSTALLATION INSTRUCTIONS

- Connect the supply cable into a certified plug and verify that the network tension corresponds with the data shown on the label.
- Put the wax into the pot (max 15 cm³).

4. INSTRUCTIONS FOR USE

- Switch on the main shutter on the rear side of the unit; the display (A) will turn on.
- If you wish to change the degree scale (°C or °F), press (B) to change it.
- In order to preset the working temperature, LED D should be on. If it is not, press C and the memorized data will be displayed.
- Press F to increase the value or G to decrease.
- Press again the commuting key C and the display will show the real-time temperature.
- During the heating phase, LED H is lit.
- As the preset temperature is attained, the software keeps it; now it will be possible to start working.
- Immerse the stumps by a vertical movement: on the basis of the thermal differential, wax will sediment, creating a uniform layer



5. MAINTENANCE

<u>/!\</u> <u>ATTENTION:</u>	Before carrying out any maintenance operation on any connection inside the machine, disconnect the plug from the socket; in this way the unit will be completely cut off. In case of any doubts, difficulties or possibility of mistake, contact our Technical Service to avoid any risk or damage.
---	---

Cleaning of the heating pot

We recommend to keep the heating pot clean from any wax residuals; gently wipe only when the unit has cooled down.

Cleaning of the unit

Wipe with a soft tissue, do not use water to avoid any damages affecting the electronic installation, do not use any additive products or solvents which may spoil the plastic surface.

6. TECHNICAL REFERENCE REGULATIONS AND TEST PROCEDURES

The electronic wax heating units of the HOTWAX range are mass-manufactured by DENTOLFARM in compliance with technical and safety rules in force, as provided for by the 2006/42 CEE Community Directive on Machinery.

Careful inspection and full routine testing is carried out singularly on each machine which is further tested by an automatic test installation assuring compliance with the fixed limits.

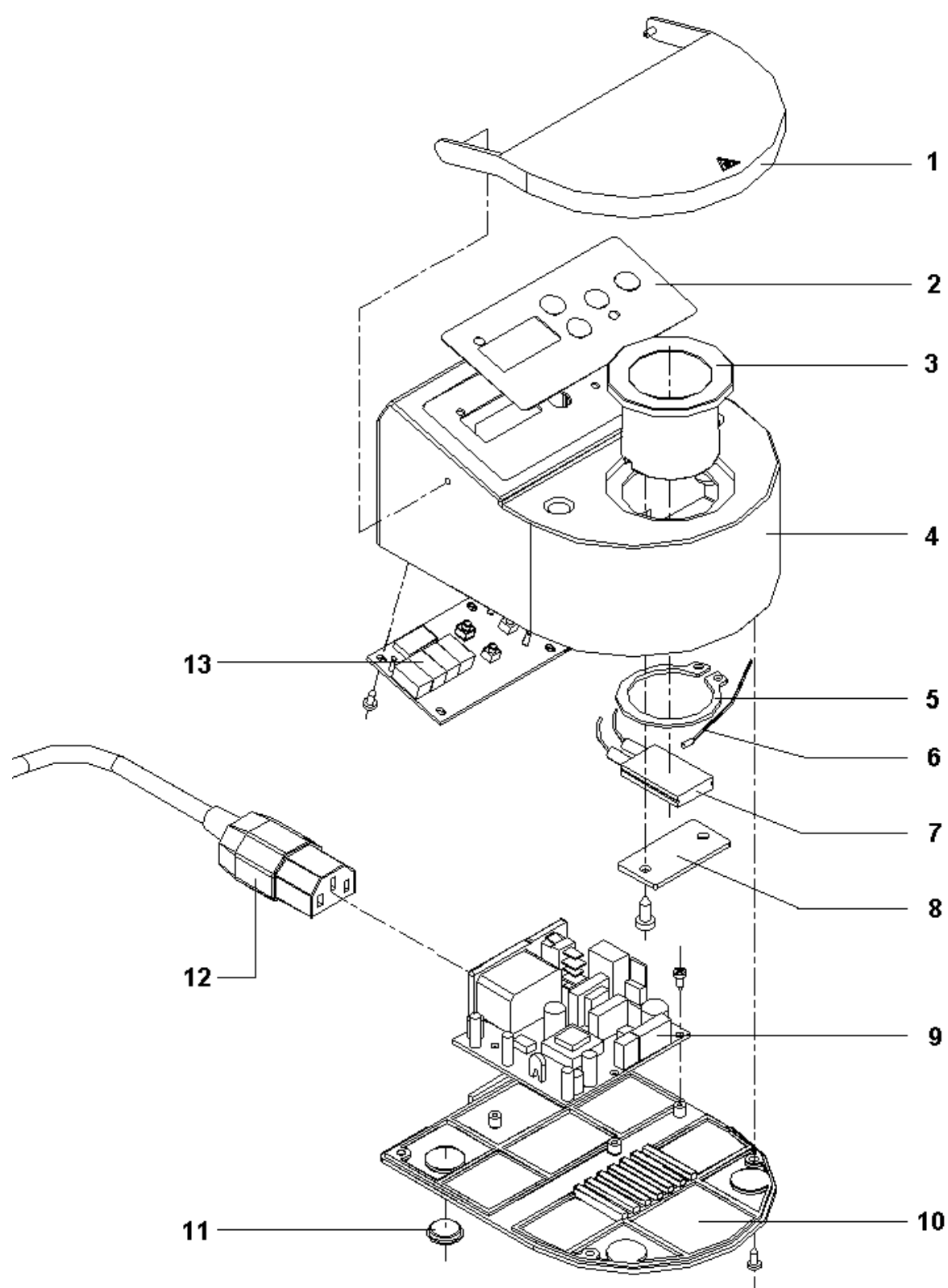
7. DEMOLITION AND WASTE DISPOSAL

According to international regulations, this unit has been classified as AEE (electric and electronic device, whose correct operation depends on electric currents and electromagnetic fields) and as a consequence, at the end of its lifetime, it can not be treated as normal waste material but it must be disposed separately, complying with the Directive 2002/96/CE.

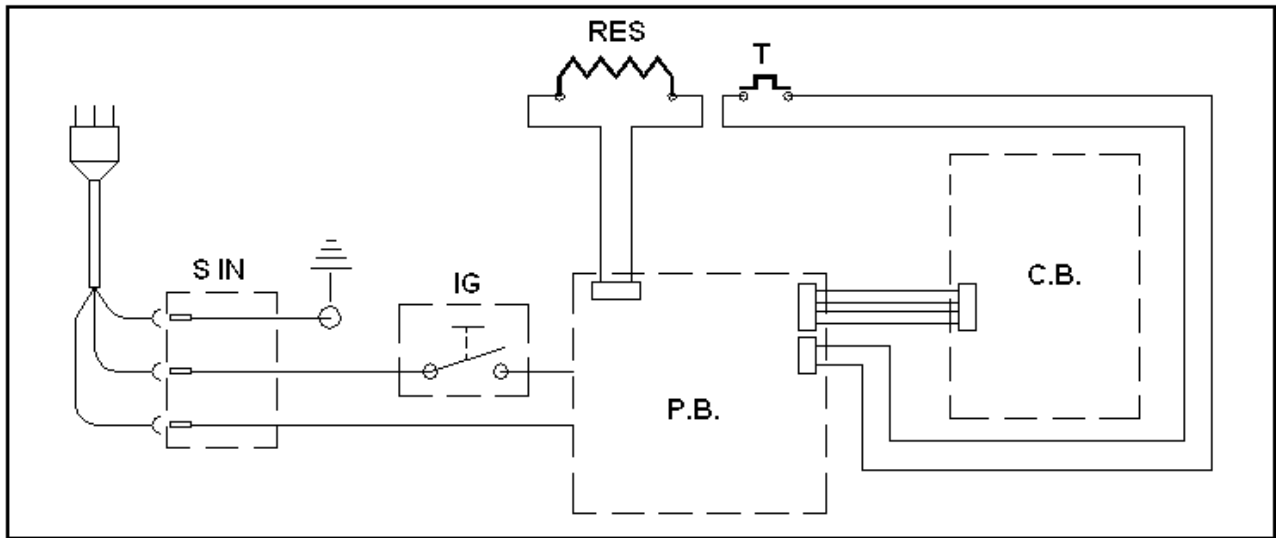


8. EXPLODED DRAWING AND SPARE PART LIST

No.	CODE	DESCRIPTION
1	6010004	Cover
2	6010001	Brand label
3	6010007	Melting tank
4	6010003	Upper shell
5	---	Seeger ring
6	6010009	Thermostat
7	6010008	Heating element
8	---	Resistance fixing plate
9	6010005	Power board
10	6010002	Lower shell
11	---	Rubber feet
12	NEV013	Power cord with plug and socket
13	6010006	Control board with keyboard and display



9. WIRING DIAGRAM



REF.	DESCRIPTION
S IN	Plug and fuseholder unit
IG	Main switch
P.B.	Power board
RES	Heating element
T	Thermostat
C.B.	Control board

DENTalfarm s.r.l.

Via Susa, 9/a - 10138 TORINO - ITALY

☎ TECHNICAL COMMERCIAL SERVICE - (+39) 011/4346588

☎ TECHNICAL SUPPORT - 011/4346632

📠 FAX 011/ 4346366

E-mail: info@dentalfarm.it

Website: www.dentalfarm.it