

# DRY HEATER FOR THERMOPLASTIC ORTHOTIC FABRICATION MATERIALS



Article No. : **32503/230EU – 32503/230UK -32503/230CH**

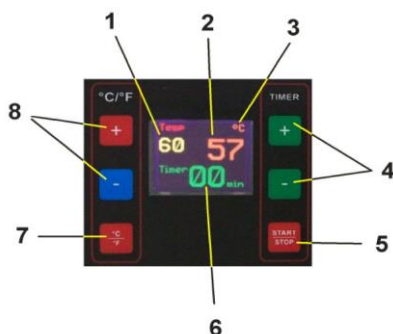
## A. GENERAL PRODUCT INFORMATION

The product referred to in these instructions is an electrical accessory for medical devices, used for heating orthotic fabrication materials for the physical rehabilitation of patients.

Art. No.	Description	Voltage	Region/Country
32503/230EU	Dry Heater	230 V	EU
32503/230UK	Dry Heater	230 V	UK
32503/230CH	Dry Heater	230 V	CH
32501/14	Replacement Teflon sheet	n.a.	All

## B. Control panel

### 11.1 Control panel – front



- 1 – TARGET temperature display
- 2 – ACTUAL temperature display
- 3 – Temperature display mode °C/°F
- 4 – Timer buttons
- 5 – Timer START/STOP button
- 6 – TIMER – time display
- 7 – Temperature mode switch
- 8 – Temperature adjustment

## C. OPERATING INSTRUCTIONS

Read the operating instructions carefully before using the Dry Heater.

- These operating instructions contain important information about the Dry Heater and should be kept near the appliance.
- The operating instructions help avoid dangers, as well as repair costs and down times, which, among other things, increases the reliability and life span of the appliance in question.
- This document, or extracts from it, may not be reproduced without the written consent of the manufacturer or his dealer.
- Errors and changes reserved.

1. Place the Dry Heater on a fixed and horizontal surface that resists temperatures up to 50°C/122°F.
2. Make sure no objects surround the Dry Heater within a range of 15 cm from the edges!
3. Plug in the Dry Heater and press the actuator switch. Set the right temperature. Use the dials to choose the temperature and select the appropriate heating time by pushing de set button.

Material/Thickness	°C	°F	Time ('Set')
Orficast Thermoplastic Tape	85	185	2-4 min
Orficast More	85	185	3-5 min
Orfit Classic / NS 1.6 mm	85	185	2-4 min
Orfit Classic / NS 2 mm	85	185	3-5 min
Orfit Classic / NS 2.5 mm	85	185	4-6 min
Orfit Classic / NS 3.2 mm	85	185	5-7 min
Orfit Classic / NS 4.2 mm	85	185	5-6 min
Aquafit NS 1.6 mm	85	185	2- 4 min
Aquafit NS 2.4 mm	85	185	3-5 min
Aquafit NS 3.2 mm	85	185	5-7 min
Orfit Colors NS 2 mm	85	185	3-4 min
Orfit Colors 3.4 mm	85	185	6-8 min
Orflight / NS 1.6 mm	85	185	3-5 min
Orflight / NS 2.5 mm	85	185	4-6 min
Orflight / NS 3.2	85	185	5-7 min
Orfit Eco / Black NS 2.4 mm	85	185	4 – 6 min
Orfit Eco / Black NS 3.2 mm	85	185	5-7 min
Orfibrace NS 3.0 mm	85	185	5-7 min
Tecnofit 2.5 mm	85	185	4-6 min
Tecnofit 3.2 mm	85	185	5-7 min
Orfit Flex NS 2.4 mm	85	185	4-6 min
Orfit Flex NS 3.2 mm	85	185	5-7 min

- Lift the top layer and the upper Teflon sheet by holding the tabs. Put the thermoplastic material in the middle between the two Teflon sheets and close the appliance.



**DO NOT TOUCH OTHER AREAS OF THE DEVICE!**

- Wait for the appropriate time (using the above chart) till the material is softened, flexible and mouldable. Then carefully pull out the two Teflon sheets using the tabs.
- Open the upper Teflon sheet and take out the thermoplastic material. **Wait 10-15 seconds till the material is cooled down a bit or sweep it on a wet towel to cool down the surface. This way the surface temperature will be more comfortable for the patient's skin.**
- When the material has cooled down sufficiently, apply it on the patient and mould the thermoplastic material to fabricate an IMF orthosis.

#### D. PRECAUTIONS FOR USE



- The heating of food and drinks, as well as other pharmaceutical and medical products, is not allowed and constitutes improper use.
- Keep away from children.
- Always make sure that the material is not too hot before moulding it on the patient.
- The Dry Heater has a 220-240V - 600W - 50/60 Hz temperature controller. For safety reasons, the device should be disconnected from any electricity power to be switched off.
- Connect the 230V controller only to a 220-240V socket.
- The temperature regulator automatically adapts the heat supply to the temperature set and keeps the temperature constant.
- If you would like to use another plug then the one that comes standard with the dry heater, you can use an adapter or change the extension cord.
- Always use the Teflon Sheet when heating the thermoplastic orthotic fabrication materials in the Dry Heater.

#### E. DESCRIPTION

**Dimensions:** 455 mm L x 320 mm W x 30 mm H

**Weight: 7,4 kg**

- Device:
- Transformer and power cord:
- Teflon sheet:

**Material:**

**Electrical data for 32503/230EU:**

Electric tension:	220-240 V
Power:	600 W
Ampère:	6.5 A
Frequency:	50/60 Hz

#### F. MAINTENANCE AND WASTE MANAGEMENT

- Only clean the Dry Heater when it has completely cooled down. The Teflon sheet needs to be replaced when it shows wear and tear.
- The Teflon sheet can be cleaned and disinfected by means of a damp cloth and a little bit of soapy water or an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.
- Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. Do not attempt to make repairs yourself. Contact your distributor if there are any questions or concerns.

#### G. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website [www.orfit.com](http://www.orfit.com).

**Note:**

It is prohibited to make alterations to this text without prior approval from Orfit Industries.



**ORFIT INDUSTRIES**

Vosveld 9A | B-2110 Wijnegem | Belgium  
T (+32) (0)3 326 20 26  
[welcome@orfit.com](mailto:welcome@orfit.com)

[www.orfit.com](http://www.orfit.com)



Ref. No. 50188

VERSION 2

LAST UPDATE: 25/05/2021

REVISION DATE: 25/05/2023