



Heritage & Innovation in Textiles

OPTI-THERM

Thermal stability and colour fastness to hot pressing

The OPTI-THERM unit has been developed to allow a wide range of tests to be carried out, where **accurately controlled** dry heat conditions are required on the surfaces of two flat heater plates.



Independent control of the top and bottom plate utilizing the **Orbis touchscreen controller** ensures accurate plate temperature is achieved. The ergonomic and compact design of the **OPTI-THERM** provides an ideal user experience and reduced work space.

RANGE OF TESTS

- Sublimation Testing of Dyestuffs on Textiles.
- Transfer Printing onto Textiles.
- Fabric Stability Testing.

FUNCTION

- Temperature range up to 240°C (464°F) with accuracy of $\pm 2^{\circ}\text{C}$ (3.6°F).
- Constant and even downforce of 4 kPa $\pm 1\text{kPa}$ applied by the top plate.
- Reaches Orbis touchscreen controller with Wi-Fi® and Bluetooth® connectivity.
- Preset function allowing multiple time and temperature settings.
- Countdown timer with alarm, activated when top plate is closed.
- Individual temperature control for each plate.
- Indicative LED lights related to plate temperatures.

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TECHNICAL SPECIFICATIONS

DIMENSIONS

WIDTH:	320mm
DEPTH:	500mm
HEIGHT (LID CLOSED):	160mm
HEIGHT (LID OPEN):	420mm
UNIT WEIGHT:	14kg

ELECTRICAL

VOLTAGE:	110V or 230V
FREQUENCY:	50/60Hz
PHASES:	Single (One)



MADE IN ENGLAND TO THE
HIGHEST SPECIFICATIONS

STANDARDS

EN ISO

- EN ISO 105-X11
- EN ISO 105-P01

M&S

- M&S P10
- M&S C13

AATCC

- AATCC 117
- AATCC 133

JIS

- JIS L 0850
- JIS L 0879

OTHER

- Adidas 5.09
- GB 6152 - Colour Fastness to Hot Pressing



Optional Extra

Digital Flat Plate Thermometer
Code: 6000-0100/A



Roaches machines meet specifications set by leading retailers such as:



MARKS &
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DECATHLON

next

George.



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