

AccuDry

STANDARDISED
TUMBLE DRYER

AccuDry provides you with repeatable and standard conditions for tumble drying

MODEL NUMBER: 1717 STOCK CODE: 902-508



KEY BENEFITS

TOUCHSCREEN USER INTERFACE

Smart and intuitive, the innovative touchscreen user interface makes the AccuDry simple and quick to use.

ACCURATE & CONTROLLABLE TESTING

Control over exhaust air temperature, testing and cooling times results in accurate and repeatable test conditions.

50-60Hz IN ONE MODEL

Previously just a 50Hz model, now both frequencies are housed within the one instrument, making it suitable for more countries - refer to page 7.

IEC C19/C20 PLUG SET

AN IEC C19/C20 type connector has been added for ease of installation. Removes the need to cut wires and install new plugs.

COMPLIANT TO STANDARDS

Complies with a range of standards including ISO 6330 edition 3 and M&S PG01. Users can also create their own tests.

EASY LINT REMOVAL

An easy to remove compartment for the collection and removal of lint.



ACCUDRY AT A GLANCE

Ergonomic, waterproof
counter design

Innovative and intuitive
touchscreen user interface

Alarm sounds when
testing is finished



Easy to remove
lint filter

Opening the door
during testing pauses
the drying cycle, which
can be restarted using
the touchscreen

Choice of vent
outlets on back
and sides

Adjustable
feet for easy
installation

APPLICATIONS

ITEMS SUCH AS GENERAL APPAREL



FABRICS SUCH AS SYNTHETIC (NYLON, POLYESTER, ACETATE)



KNITTED CLOTHING INCLUDING

- Jumpers
- Cardigans
- T-Shirts

CHILDRENSWEAR



WOOL & WOOL BLENDS



WOVEN FABRICS INCLUDING

- Shirts
- Formal trousers
- Blouses

LINGERIE



CELLULOSE & CELLULOSIC BLENDS



SPORTSWEAR INCLUDING

- Football kits
- Base layers
- Running clothing

STANDARDS

Standards										
	EN ISO 6330:2012									
	M&S P1A									
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Woolmark TM 254										
Woolmark TM 31										

INTUITIVE TOUCHSCREEN

Our designers worked closely with users and our textile technologists in our working laboratory to produce an intuitive touchscreen makes the AccuDry easy to control. The different features are easy to access and navigation is quick, which ensures the set-up of a test is very simple.

As the familiar feel of a touchscreen is similar to devices used in everyday life, users become an expert instantly.

The touchscreen offers reduced training time and increased efficiency contributing to cost reductions and an enjoyable user experience.

The touchscreen is made with toughened cover glass which has been tested to replicate laboratory wear and tear conditions.

More features of the touchscreen software can be found further in the Sales Tool Kit document.



ACCURATE & CONTROLLABLE TESTING

To eliminate the issue of reliability and continuity in regular domestic tumble drying machines, James Heal created the AccuDry for standardised testing.

Control over the exhaust air temperature, as well as timings for both drying and cooling periods, reduces machine variables and operator error to the absolute minimum. This results in accurate and repeatable test conditions.



SUITABLE FOR MORE COUNTRIES AROUND THE WORLD

Previously just a 50Hz model, the inclusion of 60Hz frequency means the AccuDry is suitable for more countries around the world.

More information about this can be found on page 7 of the Sales Tool Kit.



IEC C19/C20 PLUG SET

A IEC C19/C20 type connector has been added to the back for ease of installation - see picture on the left. This removes the need to cut wires and install new plugs to meet socket requirements of a particular country.

Every AccuDry comes with European, UK and Chinese plugs - please ask if you have different requirements.



CUSTOMISABLE & COMPLIANT

Test time, temperature and cooling time can all be set with accuracy by the user on the touchscreen user interface.

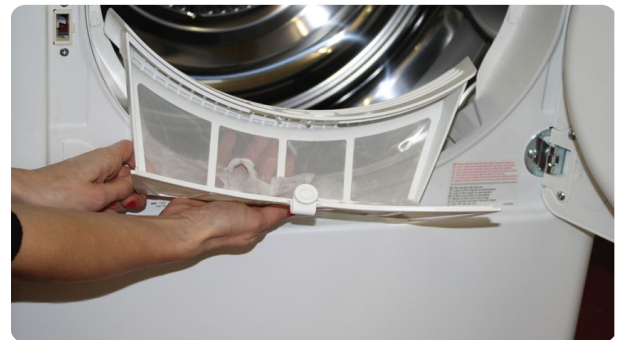
The AccuDry complies with a range of standards and retailer test methods, and the user can also customise test parameters to meet their own testing needs.



EASY LINT REMOVAL

An easy to remove compartment, accessed from the front of the machine, makes the collection and removal of lint a simple and quick task.

As with any tumble dryer, keeping this instrument lint free will maintain its efficiency.

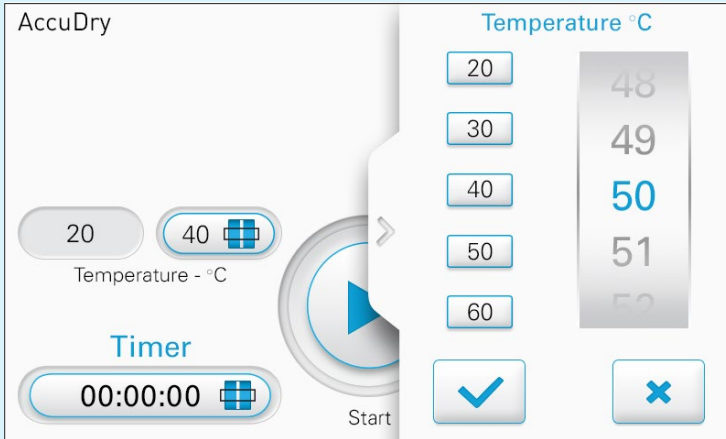


ROBUST DESIGN

The ergonomic user interface, as part of the smart black counter, is one solid piece. This waterproof design makes the AccuDry more robust.



ACCUDRY TOUCHSCREEN

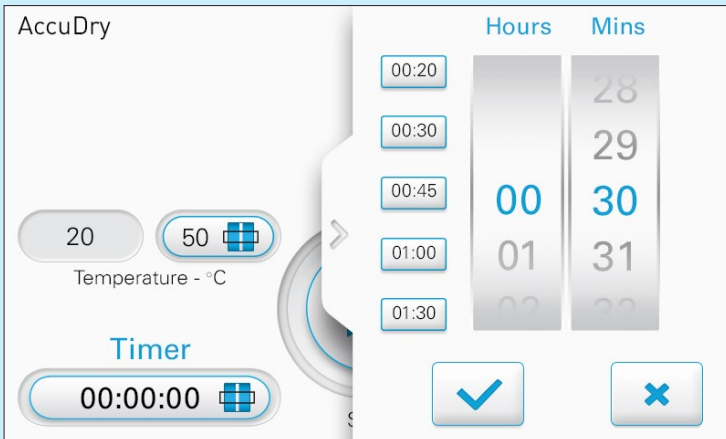
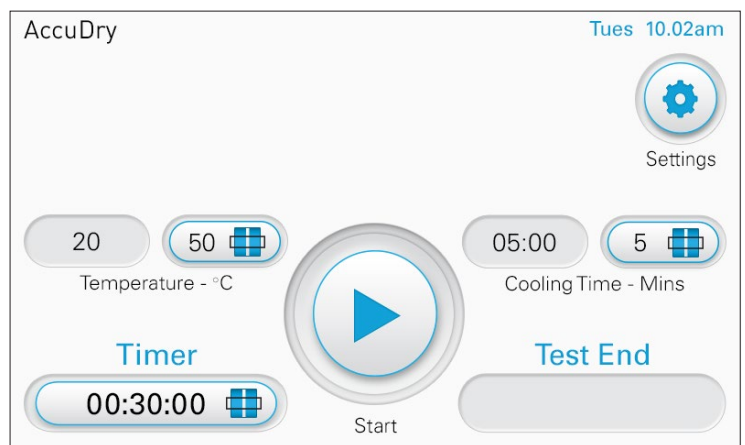


Quick and easy to set a test

Clear, easy to use controls make setting up any test quick to do. Any user can pick up the process quickly as the screen is instinctive and intuitive, minimising training time.

End of test visibility

The display shows the Test End time and a progress bar, which allows the user to leave the instrument to work on other tasks and return on completion, a more efficient use of their time.

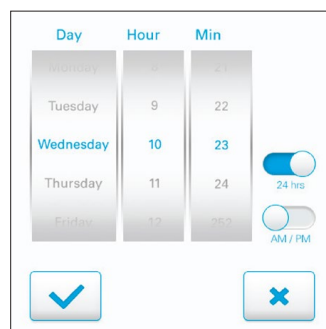


Control over temperature and timings

Temperatures can be set manually in increments of 1°C, and timings to 1 minute, for the ultimate control over testing parameters. Cooling time can also be set and controlled to meet standard requirements.

Easily accessible settings

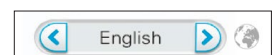
Settings for brightness, volume and date can all be easily accessed from the top menu bar.



Touchscreen Languages

AccuDry can be set to many different languages, including:

- English
- Spanish
- French
- Italian
- Turkish
- Chinese
- German
- Bangla
- Hindi



60Hz FREQUENCIES

Listed below are many of the countries which use **60Hz frequency** and in which AccuDry can now be used. However it must be noted that for **supplies lower than 220 V** (e.g. USA 120 V) a **step-up transformer rated at 5kVa should be used**. James Heal do not supply this transformer.

Country	Voltage	Frequency
Brazil	110-220V	60Hz
Mexico	127V	60Hz
Colombia	110V	60Hz
Costa Rica	120V	60Hz
Cuba	110/220V	60Hz
Dominican Republic	110V	60Hz
Ecuador	127V	60Hz
El Salvador	115V	60Hz
Nicaragua	120V	60Hz
Panama	110V	60Hz
Peru	220V	60Hz
Puerto Rico	120V	60Hz
Guatemala	120V	60Hz
Guyana	240V	60Hz
Honduras	110V	60Hz
Venezuela	120V	60Hz
Saudi Arabia	127/220V	60Hz
South Korea	220V	60Hz
Philippines	220V	60Hz
Japan	100V	50Hz / 60Hz
Taiwan	110V	60Hz
Canada	120V	60Hz
United States	120/240V	60Hz

YOU MAY ALSO WANT...

WASCATOR

AccuDry is the perfect partner for **Wascator**. Together they provide repeatable and standard conditions for both washing and tumble drying.

Wascator is used to determine shrinkage, dimensional stability and appearance after washing (including wrinkle free assessment). It meets fully the requirements of European and International standards (EN ISO) and many Retailer test methods.



DYNAWASH

This garment and printed fabric durability tester predicts the behaviour of garments and garment components during domestic washing.

DynaWash is used to conduct accelerated laundering to assess properties like: print durability, pleat retention, flock retention, garment durability, differential shrinkage and the security of garment attachments.



TEST MATERIALS & ACCESSORIES

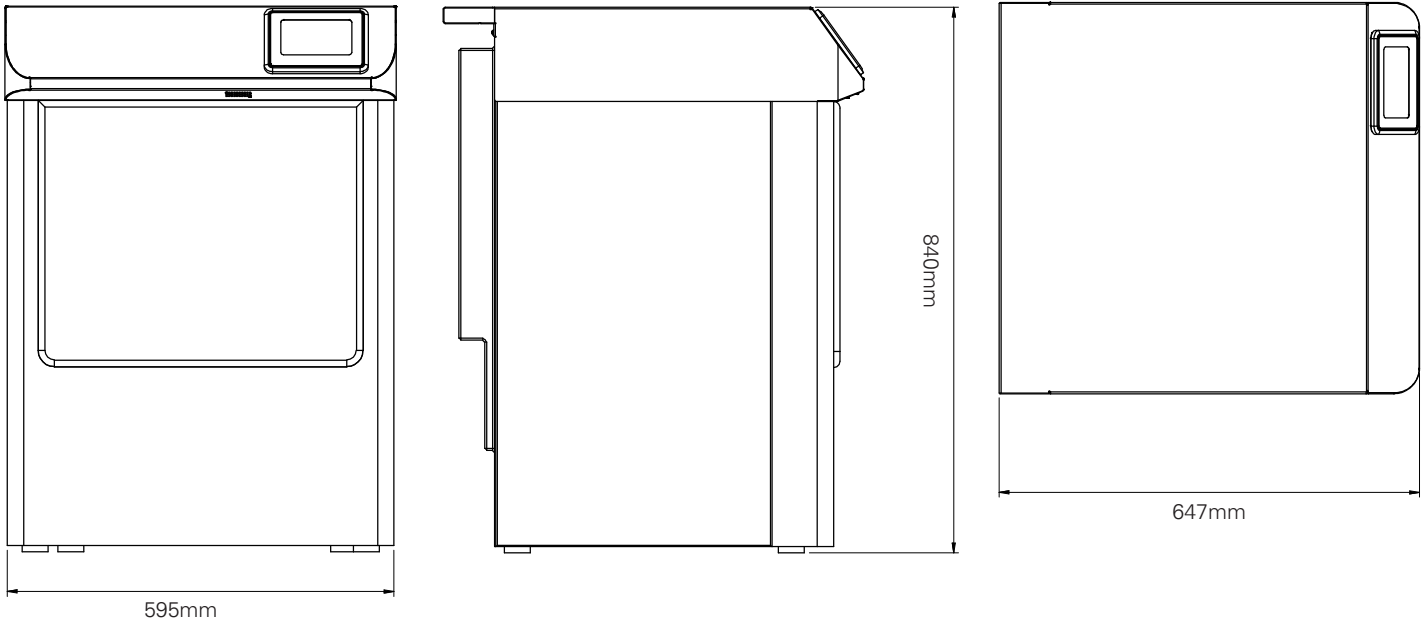
Certificate of Calibration	
202-417	UKAS Certificate of Calibration for Accudry

Stock Code	Item	Details
702-530	Polyester Makeweights - per pack (1kg)	Size: 300 x 300 ± 30mm Weight: 40g (approx) Complies with EN 26330 : 1994, ISO 6330 : 1984 and Next
702-532	100% Polyester Ballast (Type 3) - per pack (1 kg)	Size : 210 x 210 ± 10 mm Piece Mass: 50±5g Comply with M&S P1A, P1C, P3A, P4, P4A, P4B, P4C, P5, P5A, P6, P7, C15 and EN ISO 6330 : 2000/Amd.1 : 2008 and EN ISO 6330 : 2012
702-536	100% Cotton Ballast (Type 1) - per pack (1 kg)	Size: 92 × 92 ± 2 cm Piece Mass: 320 ± 10 g Complies with: ISO 6330:2012
702-533	Polyester Makeweights - per pack (1kg)	Size: 300 x 300 ± 30 mm Weight: 35±3g Complies with ISO 6330 : 1984, IEC 60456 and AWI/Woolmark TM31

Temperature Recording Strips - 8 Level	
Irreversible. Self-Adhesive Scales: °C and °F, Dimensions: 51 x 18mm (2 x 0.7 in)	
Stock Code & Details	
789-541 - A 37° - 65°C per pack (10)	789-544 - D 160° - 199°C per pack (10)
789-542 - B 71° - 110°C per pack (10)	789-545 - E 204° - 260°C per pack (10)
789-543 - C 116° - 154°C per pack (10)	
The strips are simple-to-read and exhibit a permanent colour change on exposure to the indicated temperature.	

DIMENSIONS & WEIGHT

Dimensions (mm)	Height	Width	Depth	Approx Weight (kg)
AccuDry	840	595	647	37



SERVICE & CALIBRATION

It is recommended that the UKAS accredited AccuDry is serviced and calibrated annually by a James Heal Service and Calibration Engineer.

Single and multiple year Service and Calibration visits are available.

INSTALLATION GUIDE

Item	Comment
Electricity	Single Phase 230V \pm 10%, 50/60 Hz 2600 W (13A)
Air	Not required
Bench or Floor Standing	AccuDry is designed to be floor standing
Water Supply	Not required
Drainage	Not required
Air Extraction	AccuDry is designed to be vented through to the open air. The ventilation system, which can be attached to the back or right side of the instrument, should not be joined with any other ventilation system or appliance.
Conditioning	AccuDry should be positioned in a stable environment.

CE Conformity: AccuDry is CE marked and is therefore compliant with the following directives:

Machinery Directive 2006/42/EC Low Voltage Directive 2006/95/EC
 EMC Directive 2004/108/EC WEEE Directive 2002/96/EC
 RoHS Directive 2002/95/EC