

GyroWash²

Washing and dry cleaning colour fastness tester

GyroWash² – our latest washing and dry cleaning colour fastness tester for textiles and leather - demonstrates excellent design and meticulous attention to detail.



The new GyroWash² range comprises two machines: one with 8 and one with 20 positions. You can place either a small test vessel or a large test vessel in every position, so there is complete flexibility, should you wish to test to both ISO (small vessels) and AATCC (large vessels) standards.

No tools or additional parts are required!

GyroWash² is equipped with a state-of-the-art UniController - a smart and innovative user interface, which allows you to programme the operation of the machine in less than three steps.

As you would expect, GyroWash² meets the requirements of all relevant European and ISO standards, as well as retailers' test methods, and has been type approved by AATCC for carrying out American test methods.

Technical Specifications					
Dimensions	Width	Depth	Height	Height (with lid open)	
1315/8	880mm (34.7in)	785mm (30.9in)	1050mm (41.4in)	1535mm (60.5in)	
1315/20	1270mm (50in)	785mm (30.9in)	1050mm (41.4in)	1535mm (60.5in)	
Dimensions	Bath Width	Bath Depth	Bath Height	Bath Volume	Liquid Medium
1315/8	370mm (14.6in)	490mm (19.3in)	515mm (20.3in)	35 litres	Water
1315/20	760mm (29.9in)	490mm (19.3in)	515mm (20.3in)	70 litres	Water
Electrical Options					
1315/8	230V ± 10%	Single phase	50/60Hz	4.5kW	19.5A
1315/20	230V ± 10%	Three phase and earth	50/60Hz	9.0kW	22.6A/phase
1315/20	415V ± 10%	Three phase, earth and neutral	50/60Hz	9.0kW	12.5A/phase

Agents exclusifs
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Test Vessels

You can select 500ml (ISO) and/or 1200ml test vessels (canisters). A zero force 'insert and rotate' mechanism makes loading and unloading of the stainless steel test vessels remarkably easy. The vessels are fitted with universal seals, which are resistant to both detergents and dry cleaning solvents.

Standards	
AATCC	
AATCC 61, 190	AATCC 86, 132
ISO	
ISO 105-C06	ISO 105-C10
ISO 105-C08	ISO 105-D01
ISO 105-C09	ISO 105-E03
Marks & Spencer	
M&S C04	M&S C12A
M&S C05	M&S C37
M&S C10A	

Installation	
Cold Water Connection	¾ inch BSP
Drain	¾ inch BSP Hose Tail
Overflow	¾ inch BSP Hose Tail
Operation	
Temperature Units	°C or °F
Temperature Setting Range	25-95°C (77-203°F)
Temperature Accuracy	±1°C (±1.8°F)
Temperature Rate of Rise	1.5°C/min (2.7°F/min)
Timer Setting Range	30 minutes - 4 hours
Rotational Speed	40 ±2rpm
User Interface	James Heal's UniController
Test Vessels (Canisters)	
Small (Type 1)	500ml
Large (Type 2)	1200ml

UniController

Our signature user interface guarantees fast and easy editing of the time and temperature parameters. Select Celsius or Fahrenheit, display rotational speed, make use of the auto-start feature (once the bath has reached the pre-set temperature) or adjust the volume of the end of test alarm; it couldn't be easier or more intuitive!

Preparation Area

A new feature of the 1315 series is a dedicated test vessel preparation area. Place vessels in this convenient area on the top surface of the machine. Any surplus water collects in a drip tray, which can be removed and emptied at your convenience.

Document Holder

Another excellent feature is a conveniently located document holder at the front of the machine. This holder may be used to store your own documentation, as well as a matrix of ISO 105-C06 and AATCC 61 test parameters (supplied with the machine).

Calibration

We offer UKAS-accredited calibration for GyroWash² and the test vessels. If you want to verify the rotational speed yourself, a sight glass allows you to view the end of the rotor and its speed can be measured with an optical tachometer.

Installation in your Laboratory

The eight position machine is single phase, whereas the twenty position machine requires a three phase electrical supply - two variations of the three phase machine are available. Please interrogate your own supply and pick the right one. Mistakes are not easily rectified. If in doubt, please ask us.

Ideally, GyroWash² should be permanently plumbed into a cold water supply and to a drain. Details of the connections are given in the Table.

Test Materials

In addition to the GyroWash², we offer for your convenience a complete package of complementary test materials, for example:

- Grey scales for colour change and staining
- Steel balls
- Rubber balls
- Steel discs
- PTFE rods
- Multifibres
- Standard soap
- Sodium carbonate
- ECE A & B detergents
- TAED