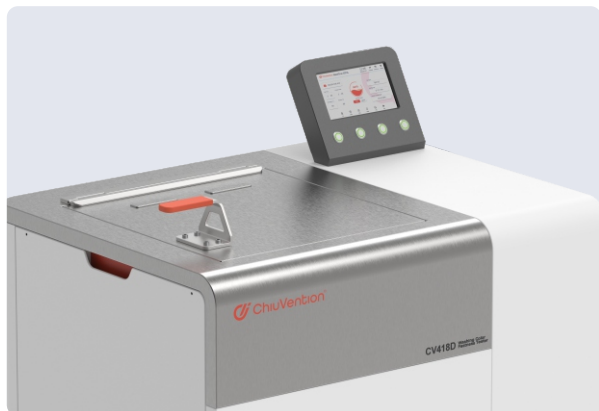# WashTrue
Washing Color Fastness Tester

WashTrue uses an intelligent temperature control algorithm. It ensures the washing color fastness test meets requirements and gives reliable results. A series of test operations can be done on the touch screen. They include selecting standards, parameters, time, and temperature. Also, you can add or drain water. The system is intelligent and efficient. After the test, the buzzer alarms automatically. Multi-safety design, and can be low noise and long time running. There are two different specifications of single and double cylinders. Double cylinder model, two cylinders independent control.

WashTrue
Washing Color Fastness Tester

Power
AC/220V/3N/50/60Hz 40A
AC/380V/3N/50/60Hz 23A

Weight
150kg

Dimension
1060*720*860 mm(L*W*H)

Easy to use and Efficient
The smart screen interface allows direct access to a variety of operations: selection of test standards, customization of test parameters, temperature calibration, selection of temperature increase rate, setting of time, heating temperature, etc.

Precise temperature control, more reliable testing
Smart temperature control algorithm achieves accurate and effective test water temperature control.

Humanized design, durable
Multiple safety protection design, the test rotating frame is equipped with an anti-jamming function to protect the instrument.
The heating is achieved by solid state relay controlled electric, bringing more stable temperature and longer service life.
The water tank is made of SUS304 material, also durable.

Smart Color Fastness to Washing Test
The instrument connects to the SmarTexLab APP via IoT on a smartphone or computer. It then connects to ERP/LIMS through an API. The instrument can also connect directly to ERP/LIMS. Test orders and standards can be sent to the instrument. The sample information can be read by scanning the code. The program can be automatically selected and tested. After the test, a digital raw record will be created. It will include the test process, results, temperature, and humidity. This record will be uploaded to the system. It will be summarized with other tests to output a report. All relevant parties can view the report in real-time. The operator can remotely monitor the status of multiple tests. They can also modify the test requirements, get a reminder before the test ends, and stop or repeat the test. You can use online chat to get quick support from ChiuVention customer service. Also, receive reminders to calibrate, maintain, and replace consumables on the instrument. Lastly, perform OTA remote upgrades regularly.

The Specification

Temperature setting range:	Normal temperature (>0°C)~ 95°C
Heating rate:	1.5±0.5°C/min
Temperature accuracy:	± 2°C
Speed:	40 ± 2 r/min
Distance from the bottom of the cup to the rotary axis:	45±10 mm

Standard Accessories

Test steel cup 550±50mL or 1200±50mL	12 pcs
Stainless steel ball Φ6±0.5mm	200 pcs
Fuse ,380V 32A	4pcs
Inlet pipe	1pc
Drain pipe	1pc
Tape	1pc
Screwdriver	1pc
Throat hoop	1pc
Sampling plate 40 x 100 mm 50 x 100 mm 50 x 150 mm	3pcs
Rubber gloves	1pc
ISO sealing or AATCC sealing	12 pcs
measuring cup 100ml	1pc

Optional Accessories

Test steel cup,550±50mL,	1pc
Test steel cup,1200±50mL,	1pc
Stainless steel ball Φ6±0.5mm	1pc
Stainless steel sheet Φ30±2mm thickness 3±0.5mm	1pc
ISO color change gray card	1pc
ISO color change gray card	1pc
AATCC color change gray card	1pc
DW Multi-Fiber Cloth 50m/box	1pc
AATCC No.10 Multi-Fiber Cloth 25m/roll:	1pc

Standard
ISO 105 C06：2010 AATCC61-2013e3 GB/T 12490-2014
ISO105-C08-2010 GB/T 29255-2012 ISO105-C09-2010/amd.1:2003
GB /T 23343-2009 ISO 105 C10：2006
GB /T 3921-2008 ISO105-E03:2010 ISO105-E12:2010
M&S C4A AATCC190-2010e2(2016)e2 NEXT TM 02

Optional Standard
ISO105-D01：2010
GB/T 5711-2015 AATCC132-2004e3