

# BREAKING NEWS FOR AATCC WASHER IN 2022



**Cycle**  
 Water Level, L (gal)  
 Agitation Rate, strokes/min.  
**Stroke Length**  
 Washing Time, min.  
 Final Spin Speed, rpm  
 Final Spin Time, min.  
 Wash Temp, °C (°F)

Table I—Standard Washing Machine Parameters

	(1) Normal	(2) Delicate	(3) Permanent Press
Water Level, L (gal)	72 ± 4 (19 ± 1)	72 ± 4 (19 ± 1)	72 ± 4 (19 ± 1)
Agitation Rate, strokes/min.	86 ± 2	27 ± 2	86 ± 2
<b>Stroke Length</b>	<b>Up to 220*</b>	<b>Up to 220*</b>	<b>Up to 220*</b>
Washing Time, min.	16 ± 1	8.5 ± 1	12 ± 1
Final Spin Speed, rpm	660 ± 15	500 ± 15	500 ± 15
Final Spin Time, min.	5 ± 1	5 ± 1	5 ± 1
Wash Temp, °C (°F)	(II) Cold: 27 ± 3 (80 ± 5)	(II) Cold: 27 ± 3 (80 ± 5)	(II) Cold: 27 ± 3 (80 ± 5)
	(III) Warm: 41 ± 3 (105 ± 5)	(III) Warm: 41 ± 3 (105 ± 5)	(III) Warm: 41 ± 3 (105 ± 5)
	(IV) Hot: 49 ± 3 (120 ± 5)	(IV) Hot: 49 ± 3 (120 ± 5)	(IV) Hot: 49 ± 3 (120 ± 5)
	(V) Very Hot: 60 ± 3 (140 ± 5)	(V) Very Hot: 60 ± 3 (140 ± 5)	(V) Very Hot: 60 ± 3 (140 ± 5)

\* The temperatures in this table are similar to those specified by the US Federal Trade Commission for care label verification (see Table VIII). Due to US Department of Energy requirements, many consumer washing machines use cooler water. An external control box may be used to override the machine set temperatures.

## AATCC LP1 Standard Major Update, Adding **Stroke Length** Requirements!!

LaboWash is included in the AATCC recommended list of washing machines. Before AATCC releases major updates, our company has already collected customer feedback and pursued rigorous development and testing. Now, the second-generation washing machine with adjustable stroke length **fully and perfectly meets the requirements of the latest version of the AATCC LP1**. It can fill the market gap and meet the needs of customers RIGHT NOW!



**We Are The Washing Machine On The Market That Can Be Manually Set To Different STROKE LENGTHS!!**



# LaboWash

## Product Instruction

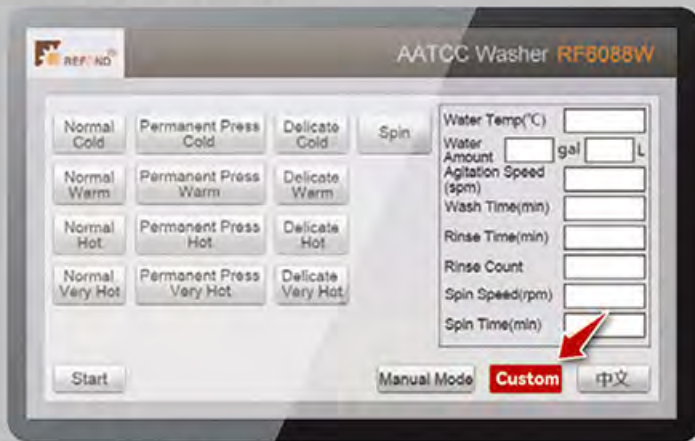
LaboWash is commercial grade top loading washing instrument engineered specifically for laboratory use for meeting global testing standards which is deeply developed by REFOND. The original machine is made-in-USA, which can guaranty the stability and accuracy of the test.

The constant-temperature device and the software are independently developed by Refond. While meeting the conventional test standards (**The parameters list in the Table I of AATCC Laboratory Procedure 1**), it expands the range of test parameters and has great flexibility. It is very helpful for the research and development test of new products of scientific research institutions and has more flexible adaptability to the changes of later standards.

## Programmable & Precise

Supplied with a user friendly, multi-language (**English and Chinese**) full color touch screen that based on the traditional model, bold innovation has been made to realize the automatic control of **stroke length**, agitation speed, spin speed, water volume, water temperature, multiple cycle washing and so on.

Operators have the ability to program custom cycles which continuously run repeat cycles.



(English and Chinese)



➡ All parameters of Custom Program can be set by user.

➡ Water Level for Washing and Rinse Cycle can be set different. (Optional soak procedure to meet special washing requirements!)

**Standard washing programs** are built-in for easy selection.

- In Standard Programs, the stroke length is fixed at 180°

**Custom programs** for easy expansion of the washing programs.

- In Custom programs, you can **adjust the Stroke Length**.

(The most important change in AATCC LP1 is the stroke length limit)

**Manual mode** for manual control of the washing machine, including the following functions:

- Water In and Water Temperature
- Agitate and Speed
- Spin and Speed
- Drain

**Calibration function** for traceability:

- Water Temperature Calibration
- Water Amount (level) Calibration
- Agitation Speed Calibration
- Spin Speed Calibration



With Door Safe Switch and LED Indicators Signals

## LaboWash Standard Packing



## Standards

AATCC 88B	AATCC 88C	AATCC 124
AATCC 130	AATCC 135	AATCC 143
AATCC 150	AATCC 179	AATCC 207
<b>AATCC LP1</b>		

## Product Specifications

Dimensions/Weight (approx.)	650(L)*720(W)*1200(H)mm / Approximate 100 kg
Water Amount (Level) Automatic Control	±2L
Water Temperature Automatic Control	±2°C
<b>Stroke Length (Agitation Angle):</b>	<b>90° - 360°</b>
Agitation Speed Automatic Control	±2spm
Spin Speed	±8rpm
Washing Time	±10seconds
Spin Time	±10seconds
Loading Capacity	10.5kg max
Power Source	AC230V 50Hz, 0.5kW

LaboDry Professional LAB Dryer is specifically designed and meet AATCC home laundering procedures. Together with the LaboWash reference washer it makes up an unbeatable duo: an integrated system for testing standards, fabrics and garments.

LaboDry offers customers – such as textile producers, large retailers, fiber laboratories and testing houses – the same benefits in terms of durability, accuracy and reliability.



With Door Safe Switch and LED Indicators Signals

## Standards

AATCC 88B	AATCC 88C	AATCC 124
AATCC 130	AATCC 135	AATCC 143
AATCC 150	AATCC 179	AATCC 207
AATCC LP1		

## Product Specifications

Dimensions/Weight (approx.)	685(L)×710(W)×1100(H)mm / Approximate 65 kg
Drying Time	±10seconds
Cooling Time	±10seconds
Loading Capacity	10.5kg max
Power Source	AC230V 50Hz, 5.0kW

## LaboDry

### Product Instruction

LaboDry is commercial quality laboratory dryer designed to meet the parameters for AATCC home laundering test methods (The parameters list in the Table I of AATCC Laboratory Procedure 1).

### Programmable & Precise



(English and Chinese)

### Calibration Function for Traceability:

- Temperature.
- Relative Humidity





# LinkedIn **in** find me.

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I have rich experience and many patents for inventions.

Leading the continuous innovation of REFOND's products, I am a forward-looking peer.

REFOND's products are required to be quality first and provide customers with the best pre-sales and after-sales service.

*Pauking Wu*



**Refond product behaves better than others on the market !**



**REFOND EQUIPMENT Co.,LTD.** <https://www.refondtex.com>



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