

# DURAWASH

## Garment and Printed Fabric Durability Tester

Model PW-DWT-01 | Combined washing and centrifuge system for repeatable garment and printed-fabric durability evaluation.



### Product overview

DURAWASH is a controlled laboratory system for evaluating the durability of garments, printed textiles and textile articles under repeatable wash, rinse and centrifuge conditions. A dedicated washing compartment and a separate centrifuge compartment support an efficient laboratory workflow while keeping the operator interface simple and traceable.

The stainless-steel washing compartment, dedicated centrifuge compartment, electronic process control and programmable touchscreen interface are designed for routine quality control, comparative product development and retail-method test work.

### Key benefits

- Dedicated washing compartment and centrifuge compartment
- Touchscreen HMI with programmable methods
- Controlled temperature and automatic water filling
- Operator safety interlock for compartment lids
- USB communication for test data transfer
- Drying unit supplied within the standard scope

#### Applicable test methods

The supplied method library may be configured for BS 7907, DIN 16792, M&S P5 and M&S C15 procedures. The laboratory remains responsible for selecting the current, applicable version of each method and defining its acceptance criteria.

# Technical information

## Configuration and operation

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Test configuration     | Garment and printed fabric durability tester with washing and centrifuge compartments |
| Washing compartment    | Stainless-steel washing tub with hinged safety lid                                    |
| Centrifuge compartment | Dedicated centrifuge compartment with safety lid                                      |
| Controller             | Touchscreen HMI with programmable test methods                                        |
| Process control        | Electronically controlled washing and centrifuge process                              |
| Water handling         | Automatic water filling                                                               |
| Data connection        | USB communication port                                                                |
| Construction           | Stainless-steel laboratory cabinet                                                    |
| Standard scope         | Drying unit included                                                                  |

| Applications                                                                                                                                                                                                                                                  | Working principle                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Garment durability evaluation</li><li>• Printed-fabric wash resistance</li><li>• Comparative material assessment</li><li>• Retail and brand method simulations</li><li>• Routine textile laboratory testing</li></ul> | Test items are processed through controlled wash, rinse and centrifuge stages. Defined temperature, water filling and programmed timing help laboratories repeat the selected procedure consistently. Test outcomes are then assessed using the laboratory's relevant visual, dimensional or performance criteria. |

**Request a quotation**  
Please specify the required test methods, garment or fabric application, local electrical supply and any laboratory-specific accessories when requesting a quotation.

DURAWASH is a product designation. All referenced standards and retailer methods remain the property of their respective organizations. Their mention identifies relevant methods only and does not constitute a certification claim.