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## DW5076 AUTOMATIC FEATHER AND DOWN FILLING POWER TESTER



## MODEL NO.

**DW5076**

### Application:

**DW5076 AUTOMATIC FEATHER AND DOWN FILLING POWER TESTER**, is used to test the filling power (massic volume), is applicable to finished down and/or feathers, fit for or constituting filled manufactured articles (e.g. anoraks, quilts, etc.)

A test specimen, suitably prepared, having a specified mass is placed in a cylinder and the material is aerated by blowing for a set period. Pressure by way of a platen is then applied to the filling material at a constant speed and after a stipulated time the level of the platen is noted. The massic volume is calculated with regard to the height and the known diameter of the graduate cylinder.

### Related Standards:

STANDARDS

IDFB-FP

BS EN12130

JIS L1903

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

### Features:

- Large touch screen, man-machine conversation, brief and clear;
- Built-in printer, test result can be put out anytime;
- Automatic blow system keep the feather and down in a state of natural and fluey, make sure the good factuality and repeatability during every test;
- Special designed incline touch screen to facilitate watching the screen;
- Special designed filtration system make sure the specimen won't blowing everywhere;
- Measuring speed is adjustable for fit different standards;
- Unique zero system make sure the accuracy of test result;
- Visible cylinder;
- Standard pressing plate, make sure the feather and down under the standard pressure.

### Key Specification:

- Height of cylinder: 600mm
- Measurement accuracy 0.1mm
- Inner diameter of cylinder 288mm



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|------------------------------|---------------------------|
| ● Weight of pressing plate   | 94.25g                    |
| ● Diameter of pressing plate | 284mm                     |
| ● Blow speed                 | 3~5L/s                    |
| ● Power supply               | AC220V ± 10% 50Hz 100W    |
| ● Dimension                  | 600 mm × 500 mm × 1300 mm |
| ● Weight                     | 30kg                      |

**Standard configuration:**

No.	Item	Quantity
1	Main machine	1 set
2	Pressing plate	1 pcs

**Optional Accessories:**

No.	Item
1	HZY-A200 balance (200g, 0.01g)
2	Printer paper