



## No. 2074

### Gurley Cobbe size tester (standard type)

The test consists in measuring absorption when a single side of paper and paperboard is in contact with water for a certain time. The tester measures the size degree of paper and board paper to determine their resistance to absorption. The specimen is placed on a metallic plate on the rubber mat. On the top of the specimen of a certain area, a metallic ring is placed and fixed. Pour water up to the level of 10 mm in the ring so that the water is gradually absorbed by the specimen. The difference in weight before and after wetting (absorption amount) is read to 0.01 g as absorption degree.

**Inner area of the test ring:** 100 cm<sup>2</sup>

**Referential standards:** JIS P-8140-1998, TAPPI T-441-98,  
ISO 535

**Optional:** Metal roller (dia.90 mm, 10 kg)

**Outer dimensions:** 150×150×60 mm

**Instrument weight:** 2 kg



No. 2074

## No. 2075

### Gurley Cobbe size tester (improved type)

This machine is developed to test paper's water absorptiveness by making the one side of a paper sheet or board paper sheet contact with the water for a certain span of time. This is an improved type machine that enables simplified measurement. Fixing and removing a specimen can be made with one-touch operation; you can repeat the test, using the same water-contained container.

**Referential standards:** JIS P-8140-1998, TAPPI T-441-98,  
ISO 535

**Optional:** Metal roller (dia.90 mm, 10 kg)

**Outer dimensions:** 180×130×80 mm

**Instrument weight:** 2.6 kg



No. 2075

## No. 2076

### Klemm tester

This tester is designed to offer easy measurement of absorptiveness of liquids such as water, ink, oil and the like, and suitably used for towel paper, toilet thin paper of high absorptiveness. The specimen is suspended from the top of the pad containing liquid. After a certain span of time, the level of absorbed liquid is measured to the nearest millimeters.

**Specimen:** 15 mm wide×180 mm long, 8 specimens mountable.

**Scale:** 0 to 150 mm 1 mm increment

**Referential standard:** JIS P-8141-2004

**Outer dimensions:** 370×150×400 mm

**Instrument weight:** 4 kg



No. 2076