

## No.2261

## JIS printability tester (single type and two-color type)

In order to measure paper surface strength, the IGT testing method is widely used in the paper making process and printing process. This tester is very convenient for printability management, because with this tester, the user can learn characteristics in advance, easily. The standardized tester in Japan is widely used because of simple and easy handling. It features capability of keeping constant printing pressure, ink thickness, packing and printing speeds, as well as of changing them as desired. In addition, measurement is enabled even with a small amount of ink and paper.

## &lt;Applicable tests&gt;

1. Picking resistance
2. Print density
3. Print color
4. Initial ink penetration
5. Measurement of drying time
6. Smoothness of paper

**Printing plate:** 10mm wide x 200mm long, 20mm wide x 200mm long

**Printing pressure:** range of 0 to 760N

**Printing speed:** pendulum 0 to 1.25m/sec., spring drive 0 to 3.7m/sec.

**Referential standards:** JIS P-8129-1998 TAPPI UM591

**Outer dimensions:** press 380 x 240 x 390mm  
spring device drive 170 x 100 x 390mm

**Instrument weight:** Press 22kg  
spring device drive 3.8kg



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## Inking Device

This kneader depends upon IGT testing method, with a process of kneading the ink for a certain span of time, and is able to always form the stable ink film of a certain thickness on the printing plate.

**Disc:** 10, 20mm wide

**Mild steel roll:** small and large, 2 rolls each; the smaller roll speed is 50rpm, and the larger rolls slides laterally.

**Kneading roll:** polyurethane roll and plaster (rubber) roll

**Referential standards:** JIS P-8129-1998, TAPPI UM 591

**Power source:** 100/110VAC 50/60Hz 0.1kW

**Outer dimensions:** 400 x 490 x 250mm

**Instrument weight:** 27kg

