Printability

No.2260
ISO printability tester (IGT testing method)

Printability testers are used not only for papers, but also for sheet like materials such as metallic plates and plastic sheets. This tester is designed to set thickness of ink, printing pressure and printing speed as desired, with three functions of accelerated printing, constant speed printing and interrupted printing. The machine is of two-shaft type for process printing, with a range of 0.1 sec. to 6 sec. between the firs print and second print. This is a process printing tester to offer effective data by simulating the conditions of a practical process printing press. Because of featuring a high precision, in the accelerated printing mode, the printing speed changes linearly.

Printing plate: 10, 20, 50mm width
Printing speed:
 accelerated printing 60 to 700cm/sec.
 constant speed printing (continuous) 20 to 500cm/sec.
 constant speed printing (intermittent) 20 to 160cm/sec.
Printing interval: 0.1 to 6sec.
Printing pressure: 0 to 1000N
Printing area: monocolor: plate width x 200mm
 two-color: plate width x 270mm
Referential standards: JIS P-8129-1998, ISO 3783
Power source: three-phase 200/220VAC 50/60Hz 15A
Outer dimensions: 470 x 650 x 520mm
Instrument weight: 125kg

No.2264
Ink pipette

For the process of print testing, correct ink sampling is an important factor affecting test precision and test reproducibility. This pipette is used to sample a small amount of printing ink to be fed to the ink kneader, and with this pipette, it is possible to perform correct testing. The structure of the pipette allows the ink to be charged from the top end to the cylinder section. Reading the scale of the micrometer, squeeze the ink from the top cap by turning a screw that is linked to the plunger. The pipette can be disassembled to facilitate cleaning.

Capacity: 2cc
Micrometer scale: 0.01cc
Referential standards: JIS P-8129-1998, TAPPI UM 591
Outer dimensions: Dia.14 x 150mm
Instrument weight: 260g