

## Oil absorptometer

Ink absorption of paper and paperboard surface is an essential property affecting printability. This tester detects gloss change to determine oil absorption of printing paper and paperboard. Apply a specified amount of oil over a metal roller, and transfer the oil to paper. Oil is absorbed by paper along with elapse of time. The time till oil on the surface is completely absorbed is detected by means of light reflection.

**Metallic roller:** 97 mm in diameter, 100 mm long, weight 5.7 kg

**Test oil:** polybuden, viscosity  $230 \pm 10$  cp (20°C)

**Specimen:** 65×65 mm

**Light emitter:** incidence 75°

**Light receiver:** selenium photoelectric cell

**Standard reflecting plate:** black glass plate: 1 piece

**Lamp:** halogen 6 V 10 W

**Optional:** recorder

**Referential standard:** J TAAP1 67-2000

**Power source:** 100/110 VAC 50/60 Hz 1 A

**Outer dimensions:** main unit 1200×430×410 mm  
control unit 340×285×180 mm

**Instrument weight:** main unit 53 kg  
control unit 17 kg



No. 2127