

## **Puncture Tester**

### **Model No. 2105**

There is a potential of breakage of a corrugated cardboard box when it hits another package during transportation. A JIS standard specifies the puncture strength considering such breakage. Puncture strength depends upon thickness and adhesion strength of corrugated board, as well as breaking strength and tearing strength of raw paper. So, puncture strength is a characteristic suitable for evaluating the quality of corrugated board. Test principle: a right-angle pyramid point affixed to the end of the pendulum moves with the pendulum; energy loss when the pyramid point breaks the specimen is read on the scale.

#### **Specifications**

**Pyramid Point:** 25.4mm high  
**Scale:** A 50kg-cm, B 100kg-cm, C 200kg-cm,  
D 400kg-cm, E 24kg-cm  
**Referential Standards:** JIS P-8134-1998, TAPPI T-803, ISO 3036  
**Outer Dimensions:** 820 x 370 x 700mm  
**Instrument Weight:** 142kg



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