

No. 2050

### Handle-o-meter

This machine measures the handle (touch) of thin paper, paper, plastic film, paper towel and cloth. It quantifies the combined effect of flexibility and surface friction. Traditionally the touch of nonwoven fabric, textile and tissue paper have been evaluated by human sensation, resulting in significant variances, and sometimes yielding an opposite result. The handle-o-meter was developed for quantifying the handle, providing accurate data free of inter-operator errors. One cycle of measurement is very short, 15 seconds. Results can be recorded as a graph on the recorder (optional).

**Measurement time:** about 15 seconds

**Measurement range:** 25 g, 50 g, 100 g

**Effective folding stroke:**  $12 \pm 0.5$  mm

**Platform gap:** 5 to 20 mm

**Specimen width:** up to 235 mm

**Referential standards:** JIS L-1096-1990, TAPPI T-498cm-85

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

**Outer dimensions:** 610×410×260 mm

**Instrument weight:** 23 kg



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