

## No. 466 Spread Meter



### APPLICATION

This instrument is used to measure fluidity and spread, etc. of printing inks. It is being widely used in the ink industry for quality control purpose. A known amount of ink is put between two parallel plates, the specimen is deformed by being pressed by the weight of the upper plate, the diameter of the spread of the ink after one minute is measured and fluidity and spreading speed are plotted against time. Time is taken on a common logarithmic scale (axis) and spread of ink is determined from the gradient of plotted spread.

## SPECIFICATIONS

Model	N	O
Reference standard	JIS K 5101: 2004 JIS K 5701: 2000 (Current standard)	<i>JIS K 5101, K 5701</i> <i>(Discontinued standard)</i>
Specimen capacity	0.5ml	
Load plate	115g (Acrylic plate)	
Fixing plate engraved scale (Diameter)	Thick line: Ø20, 40, 60, 80mm Thin line: Ø16~78mm (2mm pitch, except thick line)	
Fixing plate engraved scale (Width)	Thick line: 0.8mm Thin line: 0.4mm	Thick line: 0.3mm Thin line: 0.2mm
Fixing plate engraved scale (Depth)	Thick line: 0.15mm Thin line: 0.1mm	
Dimensions	W150 x D150 x H160mm	
Net weight	Approx. 2kg	

## OPTION

1	Glass plate (115g)
---	--------------------

---

### TOYO SEIKI SEISAKU-SHO, LTD.

5-15-4, Takinogawa, Kita-ku, Tokyo 114-8557, Japan  
Tel: +81-3-3916-8183 Fax: +81-3-3916-8173  
www.toyoseiki.co.jp

20180403 MN