Tester regarding Thickness･Viscosity･Specific Gravity【Yasuda Seiki】Tester for evaluating paint･ ink･colorant

Contents

No.536 DENSITY CUP

JIS-(K5400), K5600-2-4, K6833, ISO-2811

- The DENSITY CUP is used to measure the density of liquid paint and adhesion bond according to the density cup method.
- The operator is to measure the density at a prescript temperature and present the density in g/ml form.

Specification

Specifications are subject to change without notice.	
Capacity	100 ml, 50 ml
Dimensions	Outer Diameter ϕ45 × 90 mm (100 ml) *10 ml Capacity can also be specially manufactured.

No.506 SPREAD METER

JIS-K5101, K5701-1

- This tester is used to evaluate the flow ability of colorant and ink according to the spread meter method.
- The operator is to measure the radius of the test specimen's spread, 60 seconds after when the upper plate which is placed on the parallel plate falls on to the test specimen.

Specification

Specifications are subject to change without notice.	
Load Plate	Mass 115 ± 1 g (Material: Glass or Acrylic)

Scale	ϕ12 to ϕ100 (Pitch R1 mm)
Specimen Hole	Inner Diameter ϕ10 ± 0.03 mm, D6.37 ± 0.02 mm (Capacity 0.5 ml)
Falling Height	20 ± 1 mm
Option	Hot Water Circulation Tank
Dimensions/ Weight (Approx.)	W160 × D110 × H180 mm, 3 kg

No.506-PCM AUTOMATIC SPREAD METER

JIS-K5101, K5701-1

- This tester is the automated version of the SPRED METER.
- By attaching a camera to see and how the test specimen spreads, the test data can also be saved and data processed by a PC with a dedicated software.

Specification

Specifications are subject to change without notice.	
Measuring Time	10, 30, 60, 100, 150, 210 and 300 sec
Output	Diameter after 60 sec (D), Slope(S), Intercept(IC), Yield Value(YV)
Software	Windows Compatible
Option	Additional Weight Loading Device
Power Source	AC 100 V, 1-Phase, 5 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W320 × D300 × H700 mm, 50 kg

No.505 FLOW CUP

JIS-K5600-2-2, ISO-2431, ASTM-D5125

- The FLOW CUP is used to evaluate the flowability and viscosity of paint according to the cup method.
- The cup is to be selected so that the flow time of the paint through the orifice becomes 30 to 100 seconds.

Specification

Specifications are subject to change without notice.	
Orifice Diameter	ϕ3 mm, ϕ4 mm, ϕ5 mm, ϕ6 mm (4 kinds)

Specimen	150 ml
Accessories	Stand, Spirit Level, Glass Plate
Option	Standard Calibration Oil (100 cSt, 200 cSt) [1 cSt = 1 mm2/s]
Dimensions/ Weight (Approx.)	W200 × D240 × H350 mm, 2 kg (Stand Included) ※JIS-*Ford Cup can also be specially manufactured.

No.507 WET FILM THICKNESS GAUGE

JIS-(K5400), K5600-1-7, ISO-2808

- The WET FILM THICKNESS GAUGE is to measure the ink's wet film thickness.

- The gauge is made by 3 rings. The center ring is smaller than the outer 2 rings and is eccentric so that when it is rolled on a wet paint, the operator can read the scale when the center ring touches the painted surface.

Specification

Specifications are subject to change without notice.	
Scale	0 to 25 μm, 0 to 50 μm, 0 to 100 μm, and 0 to 200 μm (Scale 20 Divisions)
Dimensions	ϕ60 × 25 mm
Mass	0.3 kg *Please contact us for custom models.

No.548-CKG SAG TESTER

JIS-(K5400)

- This tester is used to evaluate the sagging characteristics of paint.
- The operator is to make 5 different paint coats all with different thickness and immediately placing the thicker side downwards so that the orbit line becomes vertical to the testing board to check the sagging condition.

Specification

Specifications are subject to change without notice.	
Coating Thickness	75, 100, 150, 200, 250 μm
Coating Width	20 mm: 5 lines
Gap	3 mm

Dimensions/ Weight (Approx.)	W140 × D30 × H 30 mm, 1 kg