



# Testing Instruments For Paint, Ink and Coating

ISO9001:2015        



***Precise · Passional · Professional***

- ▶▶ One-stop purchase
- ▶▶ Professional service
- ▶▶ Perfect price-performance ratio products

# ABOUT US

Since 1963, Biuged Instruments develops professional, precise and cost-effective testing instruments for the coatings and inks industry. Through advanced science and technology, Biuged continuously performs research and development to improve product performance which ensures quality products for our clients.

Biuged's business provides a full series of testing instruments for paint, coating and ink, calibration and measurement services, design for professional laboratories, and training for quality inspectors and laboratory certifications.

Covering an area of 5,000 square meters for R&D center and factory, Biuged is the largest manufacturer of testing instruments for coatings and inks. At present, Biuged has more than 40 sales agents all over the world. We are the only manufacturer of coating instruments in China whose products all have been certified conform the European CE standards.

We keep the maximum investment in research and development. The Biuged R&D team consists of many engineers experienced in areas such as coating quality testing, electromechanical industry, automation technology and precision machining.

Product quality is Biuged's core value. Our products are in accordance with international standards, such as ISO, ASTM, EN, BS and our manufacturing process is subject to the strictest quality control procedures. Moreover, our calibration laboratory certificated by CNAS is the first and only third-party institution in China that specializes in calibration and measurement services for coating and paint testing instruments.

In order to control our product quality and accuracy, Biuged only selects technical components of world-class manufacturers to always keep a high reliability and quality for each product. We make continuous efforts to enhance our instruments' functions, and to ensure clients obtain a high reproducibility and comparability of test results.

As a main member of the Technical Committee for Standardization of Coatings and Paints (TC5), Biuged is involved in draft and revision work of Chinese governmental standards. We have drafted over 50 national standards related with testing methods for paint and coating.

"Quality First, Customer First" is Biuged's most important principle. Our strategic policy of "Precise • Passionate • Professional" and "Your Quality, Our Assurance" guides us forward.

With almost 60 years' experience as leading manufacturer of testing instruments, our professional and dedicated team, and our high management standards, Biuged sincerely looks forward to working with you by offering the best products and services for the paint, coating and ink industry.



Headquarters



Factory



Workshop



QC Laboratory



Calibration Laboratory with CNAS Certification



R&D Department

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## Flow Cups/Rotational Viscometers

				
Ford Cups	Zahn Cups	DIN Flow Cups	Stand For Flow Cup	Stand For Flow Cup
				
Krebs Stormer Viscometer	Intelligent Krebs Stormer Viscometer	Multifunction Stormer Viscometer	Dial Reading Rotary Viscometer	Intelligent Touch-screen Rotary Viscometer (Basic)
				
Intelligent Touch-screen Rotary Viscometer (Professional)	Programmable Touch-screen Viscometer (Rheometer)	Programmable Touch-screen Viscometer with Temp. Control	High-temperature Intelligent Touch-screen Viscometer	Cone and Plate Viscometers

## Original Coating Performance

				
Color Assessment Cabinet	Pen Portable pH Meter	Table pH Meter	Automatic-Intelligence Karl Fischer Titration Tester	Portable pH Meter
				
Fineness of Grind Gauges	Density (Specific Gravity) Cups	Pressure Density Cup	Pfund Cryptometer	Hiding Power Test Board
				
Line Drying Time Recorder	Intelligent Line Drying Time Recorder	Automatic Interfacial Tension Tester	Automatic Flash Point Tester	Minimum Film Forming Temperature (MFFT) Tester



## Application

				
One-sided Applicator	Two-sided Applicator	Cube Applicator	Four-sided Applicator ( Frame-Type )	Square Applicator
				
Four-sided Applicator	Micrometer Adjustable Applicators	Micrometer Adjustable Applicators ( Digital )	Wire-wound Rods	Formed Rods
				
Sagging Tester	Leveling Tester	Drawdown Plate	Vacuum Film Applicator Bed	Automatic Film Applicator
				
Automatic Film Applicator	Automatic Film Applicator	Table Water-curtain Spray Cabinet	Horizontal Automatic Panel Spray Cabinet	Automatic Panel Spray Cabinet

## Gloss/Color

				
Economic Glossmeter	Basic Glossmeter (60° )	Intelligent Glossmeter	Multifunction Glossmeter	Small Aperture Precision Glossmeter
				
Economic Portable Colorimeter	Precise Computer Colorimeter	Spectrophotometer	Multi-Angle Spectrophotometer	Multifunctional Whiteness Meter

## Thickness/Adhesion/Hardness

				
Wet Film Comb Thickness Gauges	Rolling Wheel Wet Film Thickness Gauges	Precise Dry Film Thickness Gauge	Paint Inspection Gauge	Pencil Hardness Tester
				
Adjustable Pencil Hardness Tester	Buchholz Indentation Tester	Automatic Pencil Hardness Tester	Automatic Scratch Tester	Pendulum Hardness Tester
				
Hardness Test Pencil	Digital Shore Hardness Meter	Mar Resistance Tester	Digital Pull off Adhesion Tester	Automatic Digital Pull-off Adhesion Tester
				
Cross Hatch Adhesion Tester	Automatic Cross Hatch Tester	Impact Tester	Digital Cupping Tester	Automatic Cupping Tester

## Flexibility/Abrasion

				
Conical Mandrel Tester	Cylindrical Mandrel Tester	T-Bend Tester	Rotational Abrasion Tester	Solvent Rub Resistance Tester
				
Wet Abrasion Scrub Tester	Multifunction Abrasion Scrub Tester	Fatigue Crack Resistance Tester	R.C.A. Paper Abrasion Wear Tester	Falling Sand Abrasion Tester

## Disperse/Mill



Precise Digital Overhead Stirrer



Air Pneumatic Mixer



Versatile Sand-Milling Dispersing-agitator



Versatile Sand-Milling Dispersing-agitator (Electric)



Super High Speed Dispersing Machine



High Speed Dispersing Machine



High Speed Dispersing Machine (Explosion-proof)



High Speed Dispersing Machine



Multifunction High Speed Dispersing Machine



Lab Basket Mill



Lab Basket Mill



Lab Horizontal Mill



Three Rollers Grinder



Coating Fast Mixer



Closed Paint Mixer/Shaker

## Special Instruments For Ink and Printing & Balance



Falling Rod Viscometer



Intelligent Inkometer



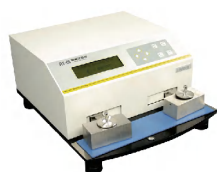
Printing Proofer



Hand Proofer



Multi-section Ink Printing Proofer



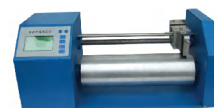
Precise Rub Resistance Tester



Rub Resistance Tester



Digital Emulsification Tester



Automatic Drying Tester for ink



Surface Tension Test Pens



Economic Electrical Balance



Balance



Precise Analytical Balance



Fast Moisture Tester



Bench Scale



## Environmental Simulation Equipments

				
High-Low Temperature & Humidity Cabinet	Single-sided Exposure Condensation Chamber	In-cabinet Exposure Condensation Chamber	Programmable Salt Spray (Fog) Cabinets	New Programmable Salt Spray (Fog) Cabinets
				
Cyclic Corrosion Test (CCT) Cabinets	Automatic Scribe Marks Machine for Corrosion Testing	ISO Scratching Tool	UV Light Accelerated Aging Chamber	UV Light Accelerated Weathering Tester
				
Bench Xenon Test Chamber	Small Xenon Test Chamber	Cabinet Xenon Test Chamber	Xenon Test Chamber (New)	Big Xenon Test Chamber

## Others

				
Precise Oven	High-Temperature Oven	UV Solidify Machine	UV Integrator	Tensile Machine
				
Universal Material Testing Machine	Infrared Thermometer	Professional Thermocouple Thermometer	Temperature & Humidity Meter	Temperature Tracker
				
Surface Roughness Tester	BIUGED-Charts	Plastic Panels	Steel Panels	Aluminum Panels