

FanYuan Instrument

Company Profile

FanYuan Instrument (FYI)TM is a professional research, designing, manufacturing company, with the purpose of providing cost effective solutions for various industrial measuring applications, including:

- Textile testing,
- Zipper & leather testing,
- Geosynthetic & Geotextile,
- Chemical & biological,
- Plastic & rubber,
- Metal industry
- Etc.

All of testing instruments manufactured by us are well-known throughout China and more than 40 countries abroad for providing superior value and performance and are backed by industry-leading warranties, such as Bangladesh, Colombia, Egypt, Germany, India, Indonesia, Iraq, Ireland, Lebanon, Libya, Mauritius, Mexico, Pakistan, Saudi Arab, Serbia, Spain, Italy, USA, Vietnam, and so on.

Also we are specialized in weather conditions meter & Strength tester for many years. FYI has more than 40 technicians and engineers, specialty in computer technology, mechanics, integration of mechanical and electrical industry, etc. And we won many patents during these few years.

Thriving on Various industry knowledge, research & development, we have established ourselves as one of the leading manufacturers and exporters of quality testing instruments. We manufacture equipment that meets the testing requirements of a diverse range of industries. With constant innovation, refinement & unwavering commitment to quality, we have gained a reputation for excellence among our customers and peers. Efficient distribution systems and timely delivery schedules have endeared us to our customers spread around the world.

As a strategic partner, **Dowell Science and Technology (HK) Co., Ltd.** start to cooperate with FYI to penetrate global market by finding agencies in diverse nations or directly sell products to end users from the year 2006.

For more information, please visit www.fychina.com.cn



FanYuan Instrument

Contents

1. Fiber



01	Y175 Series Cotton Fineness Meter/Micronaire Tester
01	ZK100F Fiber Fineness Tester (Vibration Method)
01	YG002C Computerized Fiber Fineness Analysis System
01	Y172 Fiber Microtome (Hardy)
02	F600 Fiber Blend Analyzer
02	KX730 Fibrograph
02	Y111 Roller Type Fiber Length Tester
02	Y131 Comb Sorters
03	YG011 Fiber Bundle Strength Tester/Stelometer
03	KX101 Pressley Fiber Bundle Strength Tester
03	JN-B Series High Precision Torsion Balance
03	D75 Standard Light Box for Classifying Cotton
04	DW040 Ginning Machine
04	YG041 Trash Analyzer
04	FY111F Fiber Crimp Tester
04	YG981B Series Rapid Oil Extraction Apparatus
05	Y412B Lint Cotton Moisture Regain Tester
05	SK-100 Portable Moisture Content Tester
05	MBS-I Cotton Package Moisture Meter
05	Y171 Series Fiber Cutter
06	SF-1 Plastic Water Content Tester
06	DW0180 Fiber Specific Resistance Tester
06	YG252A-I Melting Point Tester
06	Y178 Wool Fiber Filling Power Tester

2. Yarn



07	Yarn Twist Tester
07	FY111L Yarn Crimp Tester
07	FY112L Course Length Tester
07	YG368 Fully Automatic Filament Crimp Contraction Properties Tester
08	Y301 Silver Length Measurement Machine
08	YG086 Series Wrap Reel Electronic
08	ZK200C Electronic Yarn Count System
08	Y108D Electronic Yarn Sample Winder

Note: This product catalog is for reference; appearances and technical parameters are subject to quotations from FYI.
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2. Yarn



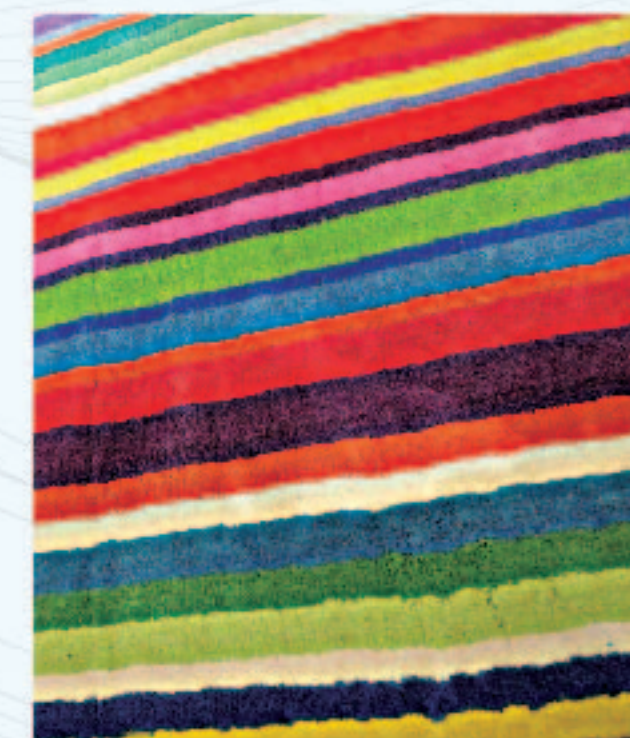
- 09 YG381 Series Yarn Examining Machine
- 09 Y311 Evenness Tester (Mechanical)
- 09 DW0311D Evenness Tester (Electronic)
- 09 YG133 Series Yarn Evenness Tester
- 10 YG139C-J Filament Yarn Evenness Tester
- 10 YG173A Yarn Hairiness Tester
- 10 YG074 Yarn Faults Classification Tester
- 11 DTM Series Digital Tension Meter
- 11 STM500 Tension Meter for Sewing Machine
- 11 DWFA Series Pendulum Arm Dynamometer
- 12 DW0270 Series Yarn-friction Tester
- 12 DW0276 Yarn Friction Coefficient Tester
- 12 YG201B Multi-function Yarn Humidity Meter
- 12 LX-C Shore Hardness Tester

3. Fabric & Garment



- 13 YG631 Series Perspiration Color Fastness Tester
- 13 Y902 Oven for Perspiration Color Fastness Test
- 13 Y571A Series Rotary Crockmeter
- 13 Y571J JIS Rubbing Fastness Tester
- 14 Y571 Series Crock Meter/Rubbing Fastness Tester
- 14 YG605 Series Scorch/Sublimation Tester
- 14 YG607D Hot Flat Ironing Tester
- 14 DW2011 Color/Daimaru Bleeding Tester
- 15 SW Series Color Fastness to Washing Tester
- 15 YG-1/2 Dry Cleaning & Washing Tester
- 15 YG-6/10 Standardized Dry-cleaning Machine
- 15 ZJQ-1250 Steam Ironer
- 16 YG033 Series Elmendorf Tearing Tester
- 16 YG032D Bursting Strength Tester
- 16 FY012J Gloves Cut-resistance Testing Machine
- 17 YG502 Surface Fuzzing & Pilling Tester
- 17 YG401 Series Martindale Abrasion & Pilling Tester
- 17 FY227 Series Random Tumble Pilling Tester
- 17 DW0227 Universal Pilling Assessment Viewer
- 18 YG511 Series Orbiter Pilling & Snagging Tester
- 18 YG518E ICI Mace Snagging Tester
- 18 DW5080 Bean Bag Snagging Tester
- 18 YG908E Snagging Assessment Viewer
- 19 YG522N Taber Abrasion Tester
- 19 DW5430 Universal Wear Tester
- 19 DW5432 Oscillatory Cylinder Abrasive Machine

3. Fabric & Garment



- 20 AATCC Shrinkage Tester
- 20 Y089E Automatic Washing Shrinkage Tester
- 20 Y085 Shrinkage Ruler
- 20 FY743 Precision Tumble Dryer
- 21 YG741 Drying Cabinet for Dimensional Change
- 21 YG742 Fabric Steam Shrinkage Tester
- 21 FY207 Automatic Fabric Stiffness Tester
- 21 FY207B Fabric Stiffness Tester (Heart Loop Method)
- 22 YG541 Series Fabric Crease Recovery Tester
- 22 SM Series Portable Thickness Gauge
- 22 YG141D Digital Thickness Gauge for Textile
- 22 YG811D Fully Cyber-control Drapeometer
- 23 Y511B Pick Glass
- 23 DW512A Digital Pick Counter
- 23 DW512B Digital Pick Counter
- 23 XSP-8CV Precision Trinocular Microscope
- 24 UL94 Horizontal/Vertical Flammability Tester
- 24 YG815A Flammability Tester (Vertical Method)
- 24 YG815B Flammability Tester (Horizontal Method)
- 24 YG815C GB 45° Automatic Flammability Tester
- 25 YG815D AFCC 45° Flammability Tester
- 25 YG815E Flammability Tester (Automotive Interiors Components)
- 25 YG815F Flammability Tester (Protective Clothing)
- 25 YG815W Flammability Tester for Vertically Oriented Specimens
- 26 YG871 Capillary Effect Tester
- 26 Y813 Spray Rating Tester
- 26 Y813-II Absorbency Tester for Terry Fabrics
- 26 YG814D Wettability Tester
- 27 FY016 Run-off Apparatus
- 27 YG800 Rain Tester
- 27 DW814 Bundesmann Rain-shower Tester
- 27 YG812D Fabric Hydrostatic Meter
- 28 YG461E Digital Air Permeability Tester
- 28 YG501D Water Vapor Transmission Cabinet
- 28 YG606D Flat Plate Warmth Retention Tester
- 28 DW259A Sweating Guarded Hotplate
- 29 YG342L Fabric Frictional Electrostatic Tester (Faraday Bucket)
- 29 YG342LA Fabric Inductance-type Electrostatic Tester
- 29 YG342LC Fabric Friction-type Electrostatic Tester
- 29 DW-406 Fabric Electronic Surface Resistivity Tester
- 29 DW-407 Fabric Electrical Surface Resistance Tester
- 30 YG902 UPF and UV Penetration/Protection Measurement System
- 30 202SY-II Textile Formaldehyde Content Tester
- 30 MHC1800 X Ray Fluorescence (XRF) Spectrophotometer
- 30 AZO3100 Gas Chromatograph Mass Spectrometry

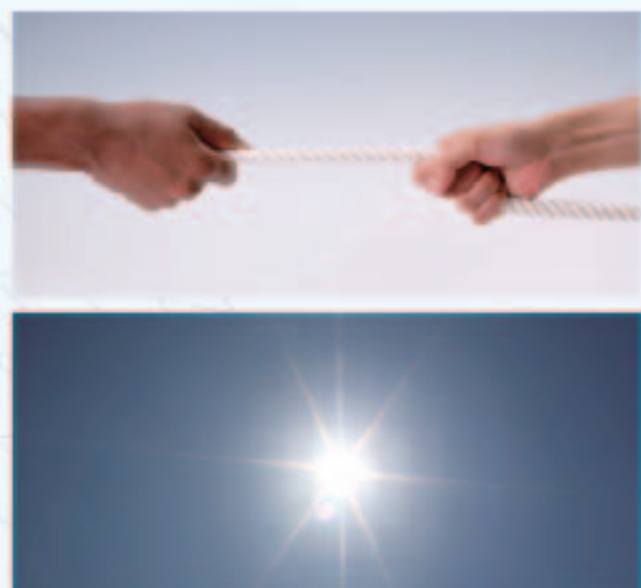


4. Dyeing



- 31 AS Series Water Bath Shaker
- 31 HS Series High Temperature Dyeing Machine
- 31 RHS-24 Lab IR Dyeing Machine
- 31 DW2010 Series Lab Wringer/Padder
- 32 MU505 Series Pneumatic Heavy Duty Padder
- 32 MU564 Lab Printing Table
- 32 MU572C Lab Coating Table
- 32 LD-3642/HLD-3642 Minidryer/Stenter
- 33 DW202B/241B Bobbin Yarn Dyeing Machine for Lab
- 33 QRTC3 Centrifugal Water Extractor
- 33 MF-3 Bobbin Drying Machine
- 33 FY748 Laboratory Hot Air Dryer
- 34 GD350 Garment Sample Dyeing Machine
- 34 JR350 Atmospheric Laboratory Jig Dyeing Machine
- 34 QR630 Series High Temperature Jet Dyeing Machine
- 34 WE-1 Lab Winch Dyeing Machine
- 35 DWD-140 Straight Tube-free Dispensing System
- 35 Master-20a Digital Hand-held Refractometer
- 35 GS Series Leather Drum Dyeing Machine
- 35 GSD Series Leather Multi-drum Dyeing Machine

5. Strength & Weatherometer



- 36 YG001E/005E Electronic Single Fiber Strength Tester
- 36 YG367 Fully-automatic Draw Force Tester for Filament
- 36 YG021J Portable Electronic Single Yarn Strength Tester
- 37 YG021D Electronic Single Yarn Strength Tester
- 37 YG029B Automatic Single Yarn Strength Tester (Desktop)
- 37 YG023B Fully Automatic Electronic Single Yarn Strength Tester
- 38 YG026A Knitted Fabric Strength Tester
- 38 YG026T Electronic Strength Tester
- 38 YG026M Multi-functional Electronic Strength Testing Machine
- 39 FY3600+ Water-cooled Weather Conditions Meter
- 39 YG611M Air-cooled Weather Conditions Meter
- 39 YG611T Xenon Arc Tester
- 40 DW601 Light Fastness Tester (Mercury Lamp)
- 40 DW1410/1411 Ultraviolet Accelerated Weatherometer
- 40 DW5610 Ozone Test Chamber

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6. Zipper & Button



- 41 FY-1 Zipper Sliding Force Tester
- 41 FY-2 Zipper Reciprocating Tester
- 41 FY-3 Zipper Slider Bursting Strength Tester
- 41 FY-4 Zipper Slide & Puller Torsion Tester
- 42 FY200 Series Snap Button Pullout Tester
- 42 FY300 Button Impact Tester
- 42 FY036 Button Impact Tester
- 42 FY401 Sharp Edge Tester
- 42 FY402 Sharp Point Tester

7. Feather and Down



- 43 Feather and Down Filling Power Tester
- 43 DW5070 Fabric Down-proof Tester
- 43 DW5071 Fabric Down-proof Impact Tester
- 43 YG819 Fabric Down-proof Tester

8. Leather



- 44 DW6149 Leather Thickness Tester
- 44 DW9210 Leather Softness Tester
- 44 PS-83 Leather Contraction Temperature Tester
- 44 XGMC-II Crock Meter/Rubbing Fastness Tester

9. Environmental Protection



- 45 SC-2 COD Analyzer
- 45 CI-B5 BOD Analyzer
- 45 WZH Series Lab Turbidimeter
- 45 YD-200A/B Water Hardness Meter
- 46 YL-1AZ Portable Free Chlorine Meter
- 46 CM-04-26 Digital Silver Iron Tester
- 46 LBS-100B Portable Sludge Concentration Meter
- 46 TDS-3 Total Dissolved Solids Meter

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10. General Meter



- 47 FYI Series Laboratory Air Conditioning System
- 47 ZS Series Industrial Ultrasonic Humidifier
- 47 YG751D Constant Temperature and Humidity Chamber
- 48 JWS-5A Hygrothermograph
- 48 TH27R Quartz Hygrothermograph
- 48 L95-2 Digital Hygrothermograph
- 48 Temperature Indicating Strip
- 49 YG802D Semi-automatic Fast Eight-basket Oven
- 49 HD101 Series Electro-thermal Blast Oven
- 49 T85 Water Extractor
- 50 Sample Cutter
- 50 DW1111 Pneumatic Sample Cutter
- 50 DW1112 Electric Cutter
- 50 Manual Sample Cutting Table
- 51 EZ-2 Swatch Cutter
- 51 HZ Series Electronic Balance
- 51 CZ1-2D Fabric Drilling Machine
- 51 SNB/NDJ Series Rotary Viscometer
- 52 BZGY908 Series Color Assessment Cabinet
- 52 YLD-200 Portable Precision Colorimeter
- 52 WSB-3A Whiteness Tester
- 52 ML10003 Magnifier
- 53 DZQ130 Series Stainless Steel Electric Distiller
- 53 ZR4 Series Jar Tester
- 53 X85-2S Hot Plates with Magnetic Stirrer
- 53 CM-1 Color Meter for Liquid
- 54 TF Series Lab Fume Hood
- 54 PH Meter
- 54 DT Series Digital Stroboscope/Tachometer
- 55 Lab Spinning Machine
- 56 Lab Weaving Machine
- 57 Latest Advanced Machine
- 58 Consumables