



YUYANG INDUSTRIAL CO., LIMITED DONGGUAN YUYANG INSTRUMENT CO., LTD

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Specification and Picture

Items 01:

Precious Metal Purity Tester



Application:

Pawn broking, bank, jewelry shop, precious-metals recovery, jewelry factory, gemstone testing center, precious metals researching. etc.

In accordance with archimedes principle water buoyancy method, GB/T1423 of precious metals testing standard, and so on.

Combine Archimedes principle with micro electronic technique and adopt sensor imported from Germany, the purity can be calculated through measuring density of precious metals. features of no damage on sample, simple operation, fast and accurate

K value of gold, PT value of platinum, density value, purity percentage can be measured.

Model	Density resolution	Maximum weight	Weight resolution	Mode
YY-300K	0.001g/cm ³	300g	0.005g	Gold, platinum

Features:

- a) Quickly measure the purity of gold, platinum, and other precious metals. Distinguish if the object is fake or genuine.
- b) No damage testing, cleaning and environmental protection.
- c) Measuring just need 10 seconds, convenience, stabilization, and accuracy.
- d) Multi-mode, gold mode, platinum mode, other precious metals mode can be shifted..
- e) Multi-function; the purity of other precious metals can be measured. such as tin, copper, silver. etc. also it can be used as precision balance.
- f) Function of top and bottom limitation, it can display OK, HI, LO in the state of qualified, exceed, less. Prompt alarm.
- g) Function of automatic zero tracking, buzzer warning, and overload warning.

- h)Function of solution compensation.Either water or other liquids can be used as medium.
- i)Adopt the completed high-capacity measuring accessories with the transparent injection mould tank,which can resist wear,fall off,and corrosion.
- j)Adopt the completed special wind and dust cover,which makes the structure convenient and durable.
- k)Interface of RS-232C is included.the printer of DE-40 will be available to connect PC with machine

Measurement procedure:

- a)Place sample on testing board to measure weight in air,press ENTER key to memory.
- b)Place sample into water to measure the weight in water,press ENTER key.the K value of gold,purity percent,density value will be displayed.

Standard accessories:

Host,tank,test board,tweezer,thermometer,weight,wind and dust cover,a set of measuring particle parts,a set of measuring floating body parts,power transformer

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Model	YY-300K	
Maximum weight	300g	
Weight resolution	0.005g	
Density resolution	0.001g/cm ³	
Measuring time	10S	
Testing board	Completed high-capacity plastic testing board	
Measuring type	Gold mode	Traditional gold and platinum jewelry, necklace, bracelet, ring, large bullion, craft, and gold, silver, copper, cadmium, nickel, tin, etc.
		The K value of mixture of gold, silver, and copper;
		The K value of mixture of gold and copper;
		The K value of mixture of gold and silver;
		The K value of mixture of gold, silver, and copper; ;
Platinum Mode	Display value	PT percent, density value, volume
		PT value range
		Pt600 - Pt1000
Other Precious Metals	Function	Only for DA series and DE series: measure the purity percentage of main materials in two kinds of mixture
	Display value	Only for DA series and DE series: density value, volume, content percentage
	setting	Only for DA series and DE series: density value of main materials and secondary materials setting
Measuring container	completed injection forming transparent professional measuring tank (size: length 15.3mm × wide 10.7mm × high 9.3mm)	
Parameter setting	water temperature setting, measuring medium density setting	
principle	Archimedes principle	

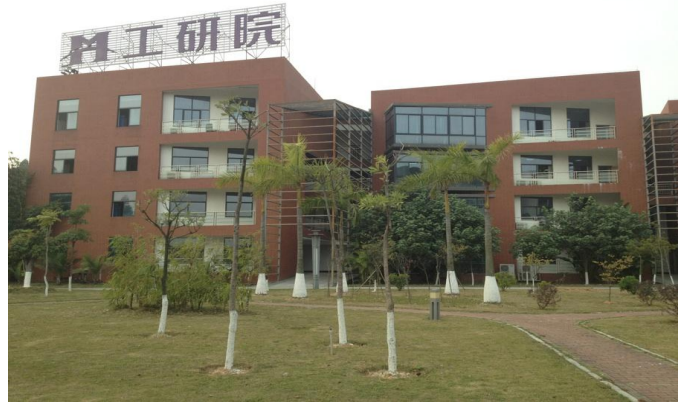
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Memory method	Two procedures
Correction method	Auto calibration with one key,auto detection.
Output method	Output and print testing data conveniently with standard communication interface of RS-232C.
Standard accessories	Host,tank,test board,tweezer,thermometer,weight,wind and dust cover,a set of measuring particle parts,a set of measuring floating body parts,power transformer
wind and dust cover	Adopt the unicas dedicated wind and dust cover
Option accessories	DE-40 printer
power	Default as AC 100V – 240V(Europe standard),based on destination country which standards be took.
Main features	Simple operation,digital display,accurate measuring,stable,durable.

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Company Profile

DONGGUAN YUYANG INSTRUMENT CO., LTD is located in Xinhe Industrial Area, Wanjiang District, Dongguan City. Also **YUYANG INDUSTRIAL CO., LIMITED** is our private-owned cooperation in HK. By supporting from Mechanical CNC and Software R&D core team of YUYANG Manufacturing engineering institute. YUYANG specializes in producing and R&D for flammability testing machine, textile testing machine, toys testing equipment, Footwear Testing Equipment. Continue the advanced design technology and concept, excellent technology of producing and outstanding system of quality management, YUYANG aims at "manufacture carefully, service by heart", devoting the best products, counseling and service to schools, manufacturing enterprise, and third party testing industry.



Up to today YUYANG products spread to countrywide users. We take pride in having a long list of satisfied customers, who always look up to us for their various requirements. Most of our customers are satisfied from our products and services and as a result of which, we are getting repeat orders. Some of our important customers include:



SGS in France, SGS in Vietnam, SGS in China, SGS in Korea

Intertek in China, SAT in China, BACL in Shenzhen, NSF in Shanghai,

ITS, BV, TUV etc

The quality proves value; the effort brings success

What your concerning is our struggling all the time.....



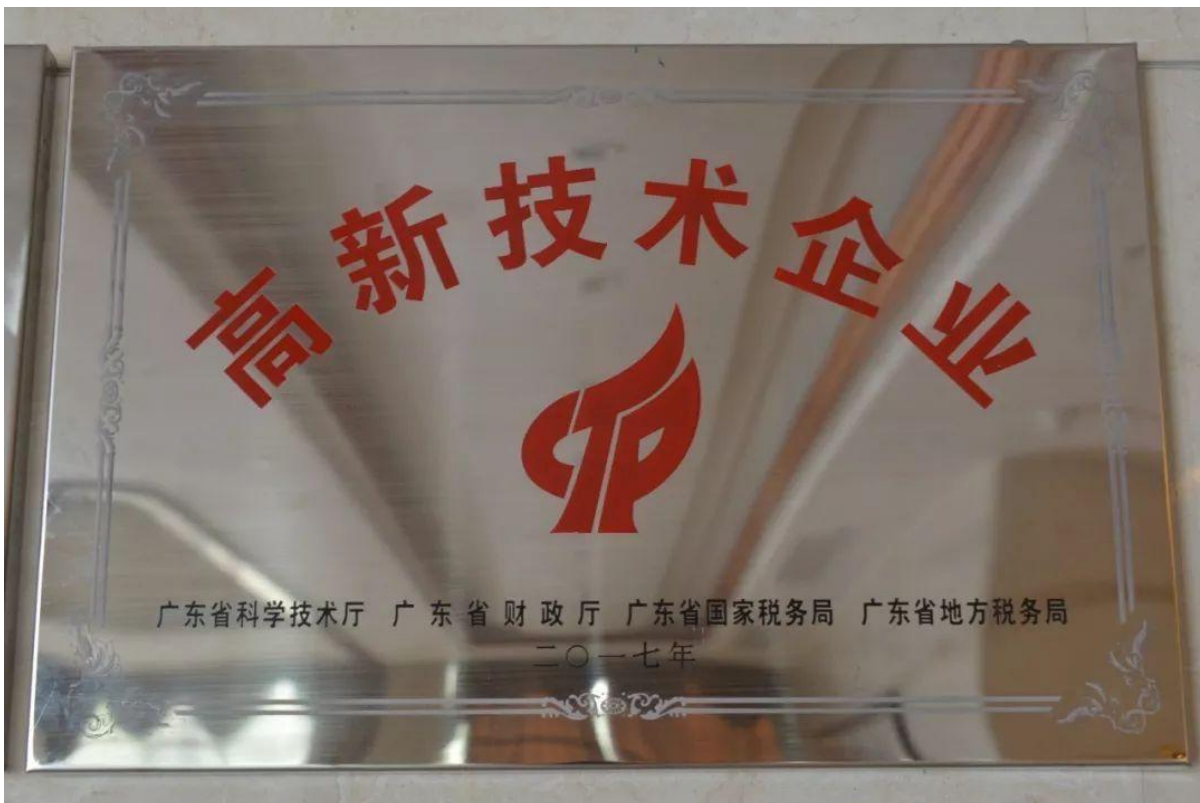
Showroom:



公司荣誉



ISO9001 证书



Some of our strategic partners as follow:

1. Master Tec Wire & Cable Sdn Bhd (Malaysia)
2. Philippine Lino Corporation
3. National Building and Marketing Company (Saudi Arabia)
4. DNG TECHNOLOGIES PVT. LTD (India)
5. Bureau Veritas Certification Hong Kong
6. LE TOY VAN LIMITED (UK)
7. Walton Hi-Tech Industries Ltd (Bangladesh)
8. Pioneer Laboratory (Qatar)
9. Tagawa Sangyo Co., Ltd. (Japan)
10. JOHRI INSTRUMENTS (India)
11. RAMP IMPEX PVT. LTD (India)
12. RNJY TRADING & GENERAL MERCHANDISE (Philippines)
13. TÜV Rheinland (India) Pvt. Ltd.
14. Testing and Certification Center Russia
15. Bell Fix S.r.l.s. (Italy)
16. Wimpey Laboratories (Dubai)
17. Thai Quality Products Co.,Ltd. (Thailand)
18. Micaply Ltd (India)
19. Labtech Middle East LLC. (Dubai)
20. VTEC Laboratories, Inc (USA)
21. Arab Center for Engineering Studies (ACES)
22. Material Lab (UAE)
23. Global Certificate Service (Turkey)
24. Boulder Developments Ltd (UK)
25. Bharat Test House Pvt. Ltd (Toys Testing Lab)
26. Alpha Test House (Toys Testing Lab)
27. Bp Plyboard Pvt. Ltd (India)
28. Thomas Bell-Wright International Consultants (TBWIC) (Fire Testing Laboratory)
29. Teraohm Powermark Sdn Bhd (Malaysia)
30. Trocellen S.E.A. Sdn. Bhd. (Malaysia)
31. Ohio University (USA)
32. Ponsa (Spain)
33. Grefortec (Brazil)
34. PT. Inti Jaya Presisi (Indonesia)
35. APPLE ELECTRONIKS (India)
36. 3G Technology (Korea)
37. TÜV Rheinland (Shanghai) Pvt. Ltd.
38. AIYam Technical Trading Est. (Saudi Arabia)
39. HASCELİK KABLO SANAYİ VE TİCARET A.S. (Turkey)
40. TÜV SÜD (Thailand) Limited
41. Centro Qualità Tessile Srl (Italy)
42. Trio Middle East Trading Company (Dubai)
43. Mountaineering Instruments, Corporation (Philippine)
44. SUMMIT FOOTWEAR CO.,LTD (Thailand)
45. IDEAL FASTENER SVM FERMUAR SANAYI (Turkey)
46. Prowide Promotions (Turkey)
47. PT. Voksel Electric Tbk (Indonesia)
48. PT. MATTEL INDONESIA
49. Yumark Enterprise (Thailand)
50. ARRIVAL LTD (UK)
51. PLASTLAB SOCIETA' CONSORTILE A R.L (Italy)
52. LE DAN SERVICE TRADING CO., LTD (Vietnam)
53. ERA Polymers (Australia)
54. Interscience Fire Laboratory (UK)
55. French National Institute for Industrial Environment and Risks (Ineris)

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56. ABB Group (France)
57. PT. PROPACK KREASI MANDIRI (Indonesia)
58. CelLink Corp.(USA)
59. Nanogate North America
60. VINAM OIL TOOLS JSC (Vietnam)
61. ALTO Baby LLC (USA)
62. Federal University of Rio Grande do Sul (Brazil)
63. KJ Engineering (South Korea)
64. Baran mühendislik alibrasyon-ILYAS ALAVUL Turkey)
65. SISCO. (Sater Scientific & Industrial Solution Co.)