

## YK series rapid and high precision wood density tester

**YK-300CE 、 YK-600CE 、 YK-900CE 、 YK-1200CE 、 YK-2000CE 、 YK-3000CE**  
**YK-150CE 、 YK-250CE**

YK series densitometer is a new series of products launched by YUKE brand based on years of density measurement technology through function simplification, structure optimization, and enhanced practicality. It has the characteristics of good measurement repeatability, high precision, simple operation, etc.

### Mainly targeted at:

Furniture industry, wood, civil engineering, engineering construction, research laboratory, etc., according to: GB/T1933-2009, ASTM, JIS, ISO standards, can quickly measure the wood W% air dry density, 12% air dry density (standard air dry density), full dry density, basic density.

### Features and advantages:

- ◆ All kinds of wood can be measured
- ◆ Anyone can easily operate it
- ◆ Fast measurement, good stability performance
- ◆ Water can be used as the medium, or other liquid media can be used
- ◆ Large capacity PC material sink
- ◆ It has the function of actual water temperature compensation
- ◆ Configure a special wind and dust cover
- ◆ Can be adapted to workshop, laboratory and other places
- ◆ Provide three years of quality assurance service



### Qualification :

Brand		YUKE 昱科							
Model		YK-300CE	YK-600CE	YK-900CE	YK-1200CE	YK-2000CE	YK-3000CE	YK-150CE	YK-250CE
Maximum weight		300g	600g	900g	1200g	2000g	3000g	150g	250g
Weighing precision		0.005g		0.01g				0.001g	
d e n s i t y	Readability	0.001 g/cm3						0.0001 g/cm3	
	Scope	0.001~99.999g/cm3						0.0001~99.9999g/cm3	
	Measuring table	ABS injection molding						Aluminum alloy molding	
Result display		Air dry density, full dry density and basic density of wood							
Measuring principle		Archimedes principle buoyancy method							
Water channel		Conventional: PC material injection molding transparent water tank (size: 15.3 cm long × 10.7 cm wide × 9.3cm high) Customization: You can customize different sizes of sink according to the measured product size							
Parameter setting		Water temperature setting, measurement medium density setting, waterproof treatment medium density setting							
Calibration method		Single key correction, automatic detection							



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Standard accessory	① Mainframe, ② water tank, ③ measuring table, ④ tweezers, ⑤ thermometer, ⑥ weight, ⑦ windproof and dustproof cover, ⑧ power transformer, ⑨ set of floating measurement accessories
Supply voltage	AC 100V~240V 50HZ/60HZ (default European standard plug, or choose other national standard plug)
Weight/size	4.5kg/ length 42.5 cm × width 17.5 cm × height 32.5cm