



# Automatic Surface Tension Meter GT-QBZY Series



## Application:

Ink & Printing Ink Industry: Analyzing the orientation, wettability of printing and coating, controlling the quality.

Cleaner Industry: Analyzing the absorption rate and properties of surfactant, finding the proper concentration.

Cosmetics Industry: Analyzing the dispersibility, stability/wettability of emulsion or suspension liquid.

Electroplate Industry: Analyzing the wettability and controlling the quality.  
This Full Automatic Surface Tension Meter can also used in pesticides industry, oil industry, water treatment industry, etc.

### Automatic Surface Tension Meter Key Specification

Model	QBZY-1	QBZY-2	QBZY-3
Test Mode	Platinum Plate, Platinum Rings or two combinations		
Operation Method	Sample Stage automatic lifting		
Display Method	Wide Angle backlit LCD display, digital display		
Test Range(mN/m)	0~600	0~400	0~200
A key to reset Range	0~600	0~400	0~200
Sensitivity(mN/m)	0.1	0.01	0.001
Accuracy(mN/m)	0.1	0.04	0.02
Repeatability (mN/m)	0.1	0.04	0.02
Full range automatic calibration	Yes		
accuracy automatic calibration	Yes		
Automatic Temperature Compensation	Yes		
Data output interface	RS232 / USB2.0		
Data processing software	Yes		
Sample temperature range (°C)	0~110 (Should equipped with sample thermostatic cup and thermostatic bath)		
Test Time	Low concentration samples: platinum plate method need 3-5 seconds, platinum ring method 40 to 60 seconds		

### Accessories:

Standard Accessories	Platinum plate/Platinum Ring	1pc
	Sample Ware	2pcs
	Standard Weight	1pc
	Tweezers	1pc
Optional Accessories	Platinum Ring	

	Platinum Plate
	Ordinary Sample Constant Temperature Bath
	Ordinary Sample Temperature Measuring Device
	Low-temperature Thermostat Bath
	Super Constant Temperature Bath