

Interfacial
Tensiometer
LB-10PIT



Overview :

Interfacial tensiometer LB-10PIT adopts platinum ring method for testing of interfacial tension. The internal micro-controlled system enables error free result delivery under circumstances of non-equilibrium. Enclosed magnetic pot type sensor and multi-point calibration of uniform space technology improves repeatability and reproducibility of results.

Specifications :

Testing range	0 mN/m ~ 200 mN/m
Sensitivity	0.1 mN/m
Accuracy	± 0.1 mN/m
Self-checking	Breakdown auto diagnosis
Temperature compensation	Automatic
Ambient temperature	10 °C ~ 40 °C
Relative humidity	< 80 %
Power	< 40 W
Power supply	AC 220 V ± 10 %; 50 Hz ± 2.5 Hz
Dimensions	185 × 260 × 360 mm
Weight	15 kgs

Features :

1. Digital color LCD screen with complete menu operation
2. Hurricane globe structure lessens the external matter influence on results
3. Automatic temperature compensation within 25 °C eliminates imposed temperature influence
4. Auto-correction, auto-testing, auto-calculation, direct result display, data storage
5. Automatic lifting platform ensures high stability and accuracy
6. Network management through USB interface accessible

Applications :

Used in the productions units of paint, ink, printing, detergent, chemical, cosmetics, electroplating, petroleum, pharmaceutical, etc.



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