

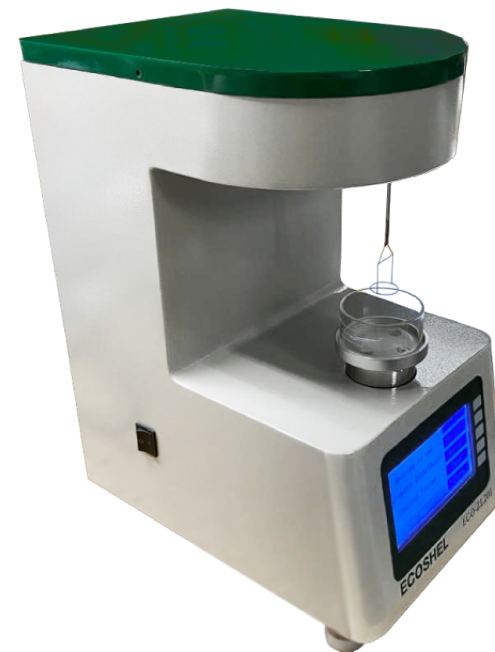
INTERFACIAL TENSION TESTER

DESCRIPTION

Equipment designed to measure interfacial tension, defined as the force existing at the interface between two immiscible liquids. This parameter is essential for evaluating the physicochemical properties of fluids and serves as a critical indicator of their quality. The ECO-ZL201 model is widely used in quality control and research applications for analyzing dielectric oils, fuels, lubricants, emulsions, and formulations containing surfactants.

TECHNICAL PARAMETERS

MODEL	ECO-ZL201
Measuring range	0 to 200 mN/m
Accuracy	$\pm (0.1\% \text{ of reading} + 0.1 \text{ mN/m})$
Test method	Du Noüy ring method
Data storage	Up to 250 test records
Dimensions	200 x 300 x 330 mm
Weight	6 kg
Power	$\leq 20\text{W}$
Power supply	AC 220V \pm 10%, 60Hz



Ecoshel reserves all the rights to changes in product design, if there are any design change, we will not inform in advance.

STANDARD ACCESSORIES

1. Sample cup
2. Du Noüy ring
3. Verification weight (hook type)

KEY FEATURES

1. Large screen for simultaneous display of weight value and its equivalence in tension.
2. Motorized lifting platform that ensures uniform sample positioning, reducing operator-to-operator variability.
3. Built-in printer provides hard copies of test results.



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