

## RAPID CONCRETE ALKALI TESTER NJAL-H

Portable Rapid concrete Alkali Content Tester tests the alkali content to prevent the alkali aggregate reaction in concrete construction. With Ion Selective Electrode Method (ISE), the composite Potassium Ion Electrode and composite Sodium Ions Electrode rapidly test the Alkali content (%) under room temperature in the concrete: Fresh concrete, Wet concrete, Harden concrete, Power sample and Raw material: Cement, chemical additive, admixture.



Power supply	AC 220V
Working power	DC3.6V
Measuring precision	≤10%
Printer	DC 5V
Storage	100 data
PC communication parameter	2400 baud rate
Measuring time	≤3min
Standby time	>24 h
Range	0.001%-30.000%
Measuring temperature	0°C-45°C
Resolution	0.001%
Acquisition cycle	10min
Weight	240g
LCD	128*128
Result	Oxidation sodium (%), Oxidation potassium (%), Alkali (%)

## RAPID CHLORIDE TESTER NJCL-H/NJCL-B/NJCL-C

Chloride is an important factor in inducing steel corrosion. In order to avoid premature corrosion of steel, concrete materials control chloride ion content of it very strict.

### FEATURES

- Handheld Instruments have light weight and small size which easy for users to take with and on-site inspection. Printer to print data in any time is available for select. This run independently even without computer control. Bench Instruments have large-size LCD panel to indicate data and an embedded printer to print data easily.
- Unique anti- ion interference agent can prevent it from cyanide, ammonia oxidation effect of ions as well as manganese and lead made the combined effect of metal ions.
- Unique PC analysis software, which has a national computer software copyright.
- Unique linear regression coefficient calculation program make self-diagnostic instrument status available.
- Direct output the unit results in a molar concentration and percentage.
- Mass storage of 100 data storage, continuous data record, safe and reliable.
- Show calibration curves and color display, which can be saved and read.(NJCL-H only)
- Directly to the built-in temperature compensation formula makes test results more intuitive. (NJCL-H only)



Model	NJCL-H	NJCL-B	NJCL-C
Measurement accuracy	<5%	<10%	<5%
Collect time	30s	≤3min	30s
Total Weight	5kg	9kg	5kg
Power supply	Working voltage DC 3.6V	Power supply AC 220V; Working voltage DC 7.2V	3.6V adapter; Lithium battery
Work temperature	0°C~40°C		
PC communication parameter	2400 baud rate		
Range	0.001%-30.000%(Cl <sup>-</sup> ), 10 <sup>-5</sup> -10 <sup>-1</sup> (mol • L <sup>-1</sup> )		