

CE4 Cation Exchange Capacity Pretreatment System

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Overview

The CE4 cation exchange capacity (CEC) pretreatment system automates reagent dosing, stirring, filtration and washing for CEC sample preparation in soil testing. Up to four filtration stations run a user-defined reagent program from the touchscreen.

Features

- Four filtration stations with porcelain funnels and vacuum flasks on a slide-out filtration deck.
- Integrated reagent dosing and stirring mounted above the filtration deck.
- Per-station selection and user-defined schemes: reagent volumes, stirring time, per-reagent filtration times and wash cycles (shown in factory footage: ammonium acetate 70 mL, ethanol 80 mL, stirring 25 min, filtration 80 s / 30 s).
- 8-inch touchscreen with run, check and settings pages and a live process status display.
- Scheduled start available in settings.

Specifications

The full specification sheet for this model is confirmed per order — contact us for the detailed configuration.

Application fields

Cation exchange capacity (CEC) sample pretreatment in soil testing.

Specifications as published at www.sino-sonnen.com. Final configuration is confirmed per order — request a quotation: info@sino-sonnen.com · R&D: Jiading District, Shanghai · Manufacturing: Luoyang, Henan, China