

WATCH WATER UAE | TECHNICAL OVERVIEW

i-SOFT Descaler

i-SOFT Descaler is engineered within the Instant chemicals technology platform. Instant chemical products support professional dosing, oxidation, cleaning, conditioning and membrane programmes. Product selection is based on the treatment objective, chemistry, materials of construction, reaction time and the downstream separation stage.

TREATMENT FOCUS

- 01 Oxidation and disinfection
- 02 Scale and corrosion control
- 03 Membrane cleaning and conditioning
- 04 Cooling- and process-water treatment
- 05 Surface cleaning and passivation
- 06 Dosing-system integration

TECHNICAL WORKFLOW

- 01 Define: Set the chemical objective, target concentration, process volume and required residual or endpoint.
- 02 Prepare: Prepare solution or feed conditions according to product handling and compatibility requirements.
- 03 Dose: Apply at the controlled rate and injection point needed for mixing and reaction.
- 04 Confirm: Monitor the selected parameter, treatment result and downstream impact before optimising the programme.

PROFESSIONAL SELECTION REQUIRED

Final capacity, dose and operating limits are confirmed from the actual water analysis and project conditions.

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