



Test kit, silica, model SI-5

Nr. produs: 1455400
RON Preț (fără TVA): Contact
Disponibil

Produse periculoase



Maintain Operational Efficiency with Our Trusted Silica Test Kits: Accurate Results for Industrial, Environmental, and Water Treatment Applications

Silica test kits are essential tools for measuring silica levels in water, particularly in industrial processes, environmental monitoring, and water treatment. In boiler water, the silicate limit is up to 150 ppm for pressures up to 300 psi, while in cooling tower water, the silica limit is typically around 180 mg/L as SiO₂. Natural water supplies can have silica levels ranging from less than 1 to over 100 ppm.

Monitoring silica is crucial in industries such as water treatment because elevated silica levels can lead to scaling in boilers, cooling towers, and other equipment. Scaling reduces the lifespan of crucial components, increases maintenance costs, and raises the likelihood of unplanned shutdowns. In drinking water analysis, silica test kits ensure compliance with health standards. Elevated silica concentrations can cause aesthetic issues like cloudiness or sediment formation, deterring consumers from using the water. By providing reliable measurements, these kits help water treatment facilities and municipalities deliver safe, high-quality drinking water while safeguarding equipment and protecting the environment from silica-related problems.

For environmental monitoring, silica test kits assess water quality in natural bodies of water and monitor the impact of industrial discharges. Silica can affect aquatic ecosystems by influencing the growth of diatoms and other microorganisms, making it essential to understand its levels for maintaining ecological balance. In boiler and cooler applications, the acceptable silica range varies depending on the specific conditions and requirements of the system. Regular testing ensures that silica concentrations remain within acceptable limits, helping to maintain operational efficiency and prevent costly downtime due to equipment damage. These kits provide quick and accurate results, allowing appropriate actions to be taken when silica levels exceed recommended thresholds.

Popular in many industrial applications, such as boiler turbines that are susceptible to scale

Provides fast results with an easy-to-carry test kit

Simple, low-cost color disc method is the most accurate visual test kit method

Specificații

Domeniu de măsurare:	Dual Range
Domeniu de masurare :	0 - 600 mg/L SiO ₂
Interval de măsurare standard:	0 - 30 mg/L SiO ₂ ; 0 - 600 mg/L SiO ₂
Model:	SI-5
Model test kit:	SI-5
Numar teste:	100
Nume metoda:	Color disc/ Heteropoly blue

	amino acid
Parameter:	Silica
Parametru:	Silica, high range - As SiO_2
Platforma:	Disc culoare
Smallest increment:	1
	20
Tipul carcasei:	D