

CLT10 sc Total chlorine sensor, pH combination sensor (on panel)

Številka izdelka: **LXV45B.98.22022**

EUR Cena: Kontakt
Odprema v 2 tednih

CLT10 sc: Total reagentless chlorine sensor

Total chlorine sensor with pH combination sensor (on panel)

The CLT10 sc Total Chlorine Analyser measures total chlorine continuously for real time process control. It is based on amperometric technology and is fully compatible with all of Hach's digital controllers. The CLT10 sc can be used in most municipal and industrial applications, and is best utilised where waste stream management is a constraint. Hach‘s self diagnostics alerts you when the process has changed or the instument needs servicing.

Diagnostic features include the Cal Watch algorithm for warning of pH and chlorine calibration deviation and a non-contacting sample flow sensor for notification of insufficient sample flow. All warnings are easy to configure.

Compatible with Hach's "Plug and Play" Digital Controllers
The CLF10 sc and CLT10 sc Chlorine Analysers are designed to be used with all Hach digital SC controllers. Set up is fast and easy, and the system is compatible with the full line of Hach digital sensors.

No Reagent Replacement, No Waste Stream
Chlorine measurement with the CLF10 sc and CLT10 sc amperometric technology eliminates the need for routine reagent replacement and waste stream management.

EPA Compliance
The CLF10 sc and CLT10 sc analysers can be used for reporting chlorine residual measurements in accordance with EPA Method 334.0. Additionally, Hach has created a suite of laboratory products and methods to help with startup and quality control procedures required for Method 334.0.

Advanced Diagnostics
CLF10 sc and CLT10 sc advanced diagnostics alert you when the process has changed or the instument needs servicing. Diagnostic features include the Cal Watch algorithm for warning of pH and chlorine calibration deviation and a non-contacting sample flow sensor for notification of insufficient sample flow.

Real-time Process Monitoring and Control
The CLF10 sc and CLT10 sc Chlorine Analysers allow for real-time monitoring and control of disinfection processes.

Specifikacije

Certificiranje:	CE compliant for conducted and radiated emissions: - CISPR 11 (Class A limits) - EMC Immunity EN 61326-1 (Industrial limits)

	Additional certifications when connected to an sc controller
Delovna temperatura:	0 - 45 °C
Dimenzija:	Sensor Only: 195 mm x 25 mm (7.68 in x 0.98 in)
Dolžina:	Sensor: 195 mm
Dolžina kabla:	1 m (between gateway and SC controller)
Garancija:	24 mesecev
Interference :	Free chlorine: monochloramine, chlorine dioxide, ozone, and chalk deposits.
	Total chlorine: chlorine dioxide, ozone and chalk deposits
Kontrolna enota:	Panel only
Material:	Panel: Corrosion-resistant, fully-submersible (stainless steel, PVC, silicon rubber and polycarbonate)
Meja zaznavanja:	30 ppb (0.03 ppm)
Merilna metoda:	Reagentless, electrochemical, three-electrode amperometric system
Merilno območje:	0 - 20 ppm Cl_2
Možnosti:	Combination pH Sensor
Način montaže:	Panel or Wall Mounting
Napetost (V):	None
Natančnost:	Total Chlorine: ± 20 % of the reference test** (DPD) at stable pH greater than 8.5
Območje tlaka:	0.5 bar, no pressure impulses and/or vibrations
Odzivni čas :	Free Chlorine: 140 s or less for 90% change (T90)
	at a stable temperature and pH
Opis:	CLT10sc Total Chlorine Sensor, pH combination sensor (On Panel)
Parameter:	Total Chlorine
pH Monitoring Required?:	with pH Combination
pH območje:	4 - 9 pH
Pogoji skladiščenja:	-20 °C - 60 °C dry
Ponovljivost:	30 ppb ali 3%, kar je večje
Povezava s kablom:	5 pin, M12 connector
Pretok vzorca:	30 - 50 L/h, optimal is 40 L/hour
Priključek linije vzorca:	¼" OD
Priključek odvoda:	½" ID
Stopnja pretoka:	Metric
Temperatura vzorca:	5 - 45 °C
Temperaturna kompenzacija:	Internal temperature compensation in the sensor
Teža:	Approximately 5.5 kg
	Panel and empty panel-mounted components only
Umertivena metoda:	1-point or 2-point (zero and slope) calibration
Vsebina paketa:	CL10sc Panel, 1 m Digital Extension Cable, pH Combination Sensor, Panel Manual, Chlorine Sensor Manual, pH Combination Sensor Manual
Width:	495.3 mm
Združljivost kontrolnih enot:	SC200, SC1000, SC4500. All controllers sold separately

Vsebina paketa

Obvezni pripomočki

- Kontrolna enota SC4500, Prognosys, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99A11551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99AA1551)
- Kontrolna enota SC4500, podpora za Claros, 5 izhodov mA, 2 digitalna senzorja, vtič za EU (Item LXV525.99CA1551)