

# HI 93723 • HI 93749

Hexavalent Chromium



## Specifications

	<b>HI 93723 (Cr VI HR)</b>	<b>HI 93749 (Cr VI LR)</b>
Range	0 to 1000 µg/L	0 to 300 µg/L
Resolution	1 µg/L	1 µg/L
Accuracy (@20°C/68°F)	± 5 µg/L ± 4% of reading	± 1 µg/L ± 4% of reading
Light Source	LED (Light Emitting Diode) 555 nm	
Light Life	Life of the instrument	
Light Detector	silicon Photocell	
Battery Type / Life	1 x 9V / approx. 40 hours of continuous use; Auto-off after 10 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")	
Weight	290 g (10 oz.)	
Method	Adaptation of the ASTM Manual of Water and Environmental Technology, D1687-92, diphenylcarbohydrazide method. The reaction between Cr VI and reagents causes a purple tint in the sample.	

## Accessories

HI 710009	Shockproof rubber boot, blue	HI 93723-03	Reagent kit for 300 tests (Cr VI HR)
HI 710010	Shockproof rubber boot, orange	HI 93749-01	Reagent kit for 100 tests (Cr VI LR)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93749-03	Reagent kit for 300 tests (Cr VI LR)
HI 731321	Measuring cuvet (4 pcs)		
HI 93723-01	Reagent kit for 100 tests (Cr VI HR)		

For a comprehensive list of accessories, see sections U and V

## Hexavalent Chromium Meters

At normal temperatures chromium is corrosion-resistant. For this reason, it plays an important role in the plating industry as well as cooling towers.

In addition, it has certain qualities that make it useful in the production processes of the textile industry.

Hexavalent chromium is the most common form in which the metal is used, however, being highly toxic it needs to be continuously monitored in industrial wastes.

HI 93723 and HI 93749 are the ideal meters to perform accurate and quick measurements of chromium concentration within the ranges of 0 to 1000 µg/L and 0 to 300 µg/L, respectively.

They are supplied with cuvetts and caps. Choose from packages of 100 or 300 reagents listed below for your everyday use.



## Ordering Information

HI 93723 is supplied complete with 2 cuvetts, battery and instructions.

HI 93749 is supplied complete with 2 cuvetts, battery and instructions.