



Nickel Meters

Nickel is commonly utilized by the electroplating industry in processes utilizing stainless steel, cobalt or nickel alloys.

Even though nickel is regarded as non-toxic to man, concentrations found in wastewater exceeding 0.5 mg/L can cause damage to certain plants and aquatic life.

Nickel is also used in batteries, fuel cells, and hydrogenation of vegetable oils in the food industry.

HANNA instruments® offers two different meters to measure nickel: **HI 93726** for high range (0.00 to 7.00 g/L) and **HI 93740** for low range (0.000 to 1.000 mg/L), both with outstanding accuracy given by internal microprocessor calibration.

Both the high and low range nickel meters have been designed to be comfortably handled.

They weigh less than 300 g (11 oz.) and their long battery life make them ideal for field measurements.



Specifications

	HI 93726 (Nickel HR)	HI 93740 (Nickel LR)
Range	0.00 to 7.00 g/L	0.000 to 1.000 mg/L
Resolution	0.01 g/L	0.001 mg/L
Accuracy (@20°C/68°F)	±4% of reading	±0.010 mg/L ±7% 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 photometric method; The reaction between nickel and the reagent causes a blue tint in the sample	Adaptation of the PAN method; The reaction between nickel and the reagent causes an orange tint in the sample

Accessories

HI 710009	Shockproof rubber boot, blue	HI 731325	Cuvet cap (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 93726-01	Reagent kit for 100 tests (Ni HR)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93726-03	Reagent kit for 300 tests (Ni HR)
HI 731321	Measuring cuvet (4 pcs)	HI 93740-01	Reagent kit for 50 tests (Ni LR)
HI 93703-50	Cuvet cleaning solution (230 mL)	HI 93740-03	Reagent kit for 150 tests (Ni LR)

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