



## 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

### Ordering Information

**HI 93726** is supplied complete with 2 cuvetts, battery and instructions.

**HI 93740** is supplied complete with 2 cuvetts, battery and instructions.

### 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