

# HI 93730

## Molybdenum



## Molybdenum Meter

Molybdenum or molybdate are salts often used in industrial cooling towers.

They are nontoxic and continue to become more popular over chromates as a corrosion inhibitor.

Molybdenum has a wide variety of applications as an alloying agent in steel and cast iron, a pigment for inks and paints and also as a multipurpose solid lubricant.

The housing of these meters has been perfectly designed to fit the palm of your hand. Each meter weighs less than 300 grams. The meters long battery life makes it ideal for on-the-spot checks.

This microprocessor based meter gives you the highest level of reliability, offering push button measurement at a competitive price.

### Specifications

#### HI 93730 (Molybdenum)

Range	0.0 to 40.0 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.3 mg/L ±5% of reading
Light Source	LED (Light Emitting Diode) 470 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 mercaptoacetic acid method. The reaction between molybdenum and the reagents causes a yellow tint in the sample

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 731325	Cuvet cap (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 93730-01	Reagent kit for 100 tests (Mo)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93730-03	Reagent kit for 300 tests (Mo)
HI 93703-50	Cuvet cleaning solution (230 mL)		
HI 731321	Measuring cuvet (4 pcs)		



### Ordering Information

HI 93730 is supplied complete with 2 cuvetts, battery and instructions.

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