

# HI 93752

Calcium and Magnesium



## Calcium and Magnesium Meter

HI 93752 is a two-in-one microprocessor instrument that measures two important parameters in agriculture and hydroponics.

HI 93752 has been designed to perfectly fit the needs of these applications in one portable photometer.

HI 93752 measures calcium concentration from 0 to 400 mg/L and magnesium from 0 to 150 mg/L values in mg/L are displayed directly on the large LCD, eliminating the need for conversion tables.

This handy and portable instrument with a low cost-per-test is an ideal hi-tech alternative to chemical test kits.

Accurate and cost-saving, this two in one portable photometer is factory calibrated to measure only calcium and magnesium giving you an instrument that is easy to operate in the lab or in the field.

### Specifications

#### HI 93752 (Calcium and Magnesium HR)

Range	Ca	0 to 400 mg/L
	Mg	0 to 150 mg/L
Resolution		1 mg/L
Accuracy (@20°C/68°F)	Ca	±10 mg/L ±5% of reading
	Mg	±3 mg/L ±3% 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	Ca	Adaptation of the Oxalate method
	Mg	Adaptation of the Calmagite method

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 93752-01	Reagent kit for 100 tests (50 tests for Ca and 50 tests for Mg)
HI 710010	Shockproof rubber boot, orange	HI 93752-03	Reagent kit for 300 tests (150 tests for Ca and 150 tests for Mg)
HI 731318	Tissue for wiping cuvetts (4 pcs)		
HI 731321	Measuring cuvet (4 pcs)		
HI 731325	Cuvet cap (4 pcs)		
HI 93703-50	Cuvet cleaning solution (230 mL)		

### Ordering Information

HI 93752 is supplied with 2 cuvetts, battery and instructions.

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