



HI97733

Ammonia HR Portable Photometer

- **Advanced LED optical system**
 - Innovative optical design that utilizes a reference detector and focusing lens to eliminate errors from changes in the light source and from imperfections in the glass cuvette.
 - LEDs have a much higher luminous efficiency, providing more light while using less power. They also produce little heat, which could otherwise affect electronic stability.
- **CAL Check™**
 - Validate instrument performance at any time using CAL Check cuvettes made with NIST traceable standards. The CAL Check screen guides the user step-by-step through the validation process and user calibration.
- **On-screen tutorial mode with animations**
 - Guides users step-by-step through the measurement process
- **Waterproof and floating IP67 case**
- **Unit of measure is displayed along with reading**
- **Built-in timer**
 - Built-in reaction timer that ensures consistency between tests.
- **Error messages on display**
 - Alerts to problems including no cap, high zero, and standard too low
- **GLP data**
 - Displays the last calibration date.
- **Auto logging**
- **Battery status indicator**
- **Auto-shut off**

Specifications		HI97733 Ammonia HR
Measurement	Range	0.0 to 100.0 mg/L (ppm) (as NH_4^+)
	Resolution	0.01 mg/L
	Accuracy @25°C (77°F)	±0.5 mg/L ±5% of reading
	Method	adaptation of the ASTM Manual of Water and Environmental Technology, D1426 Nessler method
Measurement System	Light Source	light emitting diode
	Bandpass filter	420 nm
	Bandpass filter bandwidth	8 nm
	Bandpass filter wavelength accuracy	±1.0 nm
	Light Detector	silicon photocell
	Cuvette type	round 24.6 mm diameter (22 mm inside)
Additional Specifications	Auto logging	50 readings
	Display	128 x 64 pixel B/W LCD with backlight
	Auto-off	after 15 minutes of inactivity (30 minutes before a READ measurement)
	Battery type / Life	alkaline 1.5 V AA (3) / > 800 measurements (without backlight)
	Environment	0 to 50°C (32 to 122°F); 0 to 100% RH, non-serviceable
	Dimensions	142.5 x 102.5 x 50.5 mm (5.6 x 4.0 x 2.0")
	Weight	380 g (13.4 oz.)
Ordering Information	HI97733 is supplied with sample cuvettes (2), sample caps (2), plastic stoppers (2), 1.5V AA batteries (3), instrument quality certificate, and instruction manual. CAL Check standards and testing reagents sold separately	
	HI97733C includes photometer, CAL Check standards, sample cuvettes (2), sample caps (2), plastic stoppers (2), 1.5V AA batteries (3), cuvette wiping cloth, scissors, CAL Check standard certificate, instrument quality certificate, instruction manual, and HI7101412 rigid carrying case. Reagents sold separately	
Reagents and Standards	HI97733	HI97733-11 CAL Check standard cuvettes for Ammonia HR
		HI93733-01 ammonia HR reagent for 100 tests
		HI93733-03 ammonia HR reagent for 300 tests

Significance of Use

Present naturally in surface and wastewaters, ammonia mainly results from the deamination of organic nitrogen-containing compounds and hydrolysis of urea. Ammonia may also be present from water treatment processes that utilize chloramines for disinfection, where ammonia is added to the water to react with chlorine. Ammonia is less likely to appear in groundwater due to adsorption by soil particles.

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MSME Registration Number: MH33B0123600
Tel: 022-27746554/55
Email: sales@hannainst.in

Estimate

Estimate no	: EST/25-26/01193	Place Of Supply	: Telangana (36)
Estimate Date	: 01/05/2025	Sales person	: Vijay Dharmarapu
Expiry Date	: 30/05/2025	Email	: vijay@hannainst.in
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		Inside Sales	: Snehal Jojare
		Type of Customer	: End-user

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#	Item & Description	HSN/SAC	Qty	Rate	Discount	IGST		Amount
						%	Amt	
1	HI97733C SKU : HI97733C Ammonia High Range (as NH3-N) Portable Photometer with CAL Check - kit including carrying case and CAL Check standards with HI93733-01 - Ammonia Reagents for 100 tests	90275010	1 Nos.	53,150.00	10.00%	18%	8,610.30	47,835.00
2	Transportation/shipping charges	999799	1 Nos	250.00	0.00	18%	45.00	250.00

Total In Words
Rupees Fifty-Six Thousand Seven Hundred Forty Only

Notes

Looking forward for your business.

Terms & Conditions

- A. Payment - 100% advance along with purchase order.
 - B. Delivery Period -If ex-stock: Immediate. If out of stock: 4-6 weeks from the receipt of po., within India.
 - C. Packing and Forwarding Charges : Extra At actual or on to pay basic through Courier Quotation.
 - D. Demo Installation - Chargeable basis.
 - E. Warranty - The warranty period commences from the original date of sale. The warranty is only valid when the product is used under normal conditions, in accordance with the operating limitations and prescribed maintenance procedures stated in the product manual.
- 24 Months: Bench and Portable meters, Process instruments, Magnetic stirrers
 12 Months: Dosing pumps, Titrator pump & burette, Waterproof testers
 HI9812X, HI9813X Series
 06 Months: Testers (HI9810X, HI9830X, HI9820X series), Checkers,
 Pocket thermometers, Electrodes, Probes.

Bank Details

Bank Name: ICICI Bank CBD Belapur Branch
 IFSC/RTGS: ICIC0000873
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Sub Total 48,085.00
 IGST18 (18%) 8,655.30
 Rounding -0.30
Total 56,740.00

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Authorized Signature