

HI 96 series

Water Resistant Single Parameter Photometers

with HANNA's Exclusive CAL CHECK™



READ/TIMER function

Counts down to appropriate time interval before a reading is displayed. This feature ensures consistency in measurements across multiple users.

Photometers Designed for Laboratory Benchtops and Handheld Field Use

HANNA's new line of single parameter photometers includes instruments to measure ammonia, chlorine at several ranges, copper, anionic detergents, fluoride, iron, nitrite, phosphate, phosphorus and more. This series features water resistance, a large dual-level LCD, an advanced optical system and HANNA's exclusive CAL CHECK™ validation function. The advanced optical system is based on a special tungsten lamp (model HI 96715 features an LED) and a narrow band interference filter assuring accurate readings every time.

With the exclusive CAL CHECK™ validation function users are able to verify the performance of the instrument at any time. Taking just a few short steps, the validation procedure is extremely user friendly and ensures that the meter is properly calibrated. Just use the exclusive HANNA ready-made, NiST traceable

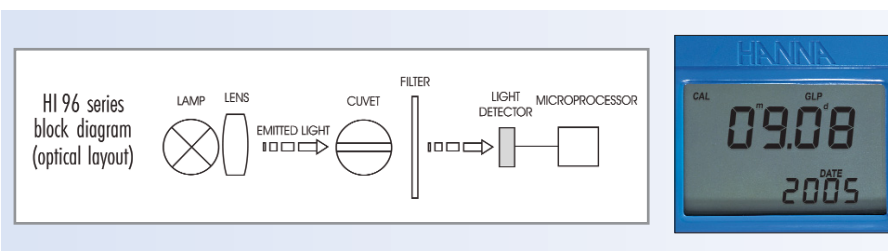
standards to verify the performance of the instrument and recalibrate as necessary. All instruments are factory calibrated and the electronic and optical design minimizes the need for frequent calibration.

Ideal for field applications, these meters are water resistant and the lamp and filter measuring system is protected from dust or dirt by a transparent cup. Display codes aid the user in routine operations and include a low battery warning. An auto shut-off feature turns the instruments off after 10 minutes of non-use.

The cuvet is made from special optical glass to obtain best results and an exclusive positive-locking system ensures that the cuvet is in the same position every time it is placed into the measurement cell. The cell is designed to fit a wide mouth cuvet making it easier to add both samples and reagents.

The reagents are in powder or liquid form and the amount of reagent is precisely dosed to ensure maximum repeatability.

- Large, dual-level LCD
- Water-resistant
- Accuracy verification
- User calibration
- Certified calibration & verification standards
- Secondary standards for calibration and verification
- EPA compliant
- Custom ranges
- Long battery life
- Order the "C" version for a complete kit



Calibration Date on Display

The HI 96 series of photometers display the last time calibration was performed so you may schedule routine calibrations—ideal for ISO and Good Laboratory Practice environments.

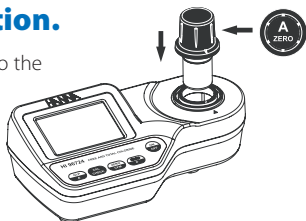
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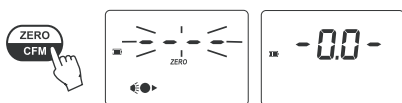
CAL CHECK™ Validation*

2-step validation procedure to ensure proper calibration.

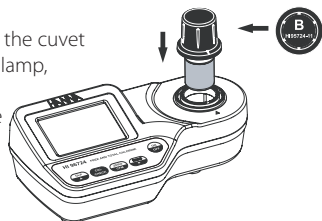
Place the CAL CHECK™ Standard A into the cuvet holder and press ZERO/CFM. The lamp, cuvet and detector icons will appear on the display followed by "-0.0-". The meter is now zeroed and ready for validation.



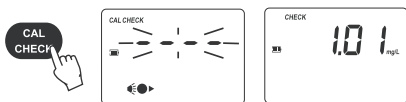
Zero the meter prior to validation...



Place the CAL CHECK™ standard B into the cuvet holder and press CAL CHECK™. The lamp, cuvet and detector icons together with "CAL CHECK" will appear on the display. At the end of the measurement the display will show the validation standard value.



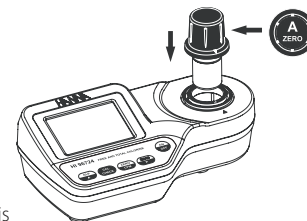
... and compare accuracy against a known standard.



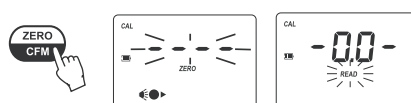
CAL CHECK™ Calibration*

Calibrate your instrument quickly and easily.

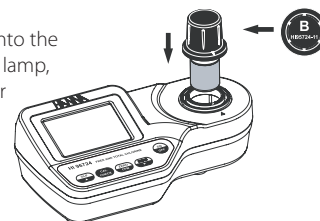
Press and hold CAL CHECK™ for three seconds to enter calibration mode. Place the CAL CHECK™ Standard A into the cuvet holder and press ZERO/CFM. The lamp, cuvet and detector icons will appear on the display followed by "-0.0-". The meter is now zeroed and ready for calibration.



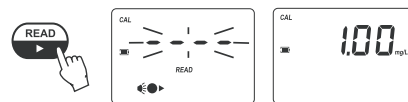
Zero the meter prior to calibration...



Place the CAL CHECK™ Standard B into the cuvet holder. Press READ/▶ and the lamp, cuvet and detector icons will appear on the display. After measurement the instrument will show the Cal Check™ Standard value.



... and calibrate to a known standard.



The reading should be within specifications as reported in the CAL CHECK™ Standard Certificate. If the value is found out of the specifications, please check that the cuvetts are free of fingerprints, oil or dirt and repeat validation. If results are still found out of specifications, then recalibrate the instrument.

* HI 96724 is shown as an example for validation/calibration. **Each CAL CHECK™ cuvet is clearly labeled to its respective measurement. Please read the full instruction manual before validation/calibration.



Available as a KIT

Includes CAL CHECK™ standard cuvetts, cuvet cleaning cloth and scissors (when applicable) bundled in a deluxe hardshell carrying case

Just choose the part # that ends with "C".
Eg: HI 96715C



Peace of mind.

When performing measurements you need to know that the instrument you are using is right on. With HANNA's exclusive CAL CHECK™ feature you can now rest assured. Simply insert the factory calibrated standard of a known concentration and verify that your instrument is accurate.