



HI802 Visible Spectrophotometer

with Method Identification via Barcode Reader

HI802 iris visible spectrophotometer quickly identifies Hanna Instruments vial methods by reading the barcode on reagent vials across multiple methods that support the use of a single-zero measurement. The barcode reader for method identification is removable to allow other methods and cuvette adapters (included) to be used for maximum versatility.

HI802 iris® visible spectrophotometer is portable and allows for measurement in the spectrum of all wavelengths of visible light and not just pre-specified wavelengths. Spectrophotometers work by isolating light at specific wavelengths from white light. This compact meter incorporates a number of features that facilitate both fantastic performance and exceptional usability.

Takes the average of 256 absorbance readings

For each analysis with the pre-dosed reagents, the HI802 spectrophotometer performs a complete rotation of the vial, taking 256 absorbance readings. Anomalous readings that deviate too much from the average (over or under) are discarded, preventing possible errors due to imperfections in the glass or fingerprints on the cuvette. The instrument then averages the 256 readings and displays the final result. The combination of these two functions (vial rotation and average function) offers unprecedented accuracy and repeatability.

- Supplied with 103 factory methods
- Create up to 100 user methods
- Automatic method identification of vial samples
- Vial barcode reader
- Shared single-zero measurement across multiple vial methods
- 5 cuvette types (16 mm round, 22 mm round, 13 mm vial, 10 mm square, 50 mm rectangular) with automatic detection
- Data storage for 9999 measurements with ability to auto log results
- Simplified data transfer to a PC or Mac
- Field upgradeable firmware
- Rechargeable battery