

# HIAC 8000A

## 8-Channel Particle Counter

### Features

- User selectable industry standards and calculations
- Storage of four calibration curves
- Eight keyboard selectable channels for sizing flexibility
- “Quick-adjust” continually tests counter performance
- Programmable background subtraction, programmable dilution factor
- Data archival, retrieval, and analysis using CountSpec™ Software; password protection

### Applications

- Precision cleaning bath monitoring
- Filter testing
- Online process monitoring
- Liquid in situ process monitoring
- Chemical distribution monitoring
- Parenterals testing

### Fluid laboratory analysis for multiple industries

The HIAC 8000A processes and displays real-time sample data on an LCD display. Particle size distribution data displays in tabular format or graphic format. Get a clear view of analysis parameters, alarm conditions and standards protocol. Completely menu driven, the HIAC 8000A provides keyboard entry for calibration/voltage settings. Enter sample ID and operator names alphanumerically. Users can select alarm limits, selection of standards, sample volume, number of runs, sample time and delay time.

An internal thermal printer provides paper copies. Password protection and a battery-powered backup maintain consistency of operation and program set up for smooth performance in even the busiest facilities.



*The HIAC 8000A tests for a wide range of industry-accepted contamination standards as well as user-defined application-specific standards. Analytical features such as dilution factor, background subtraction and contamination standards reside in firmware EPROMS for easy upgrades. With a single keyboard entry, select from a range of standards including:*

**USP <788>:** Test small volume parenterals

**MIL-STD-1246A:** Specify product cleanliness levels

**NAS 1638:** Determine the cleanliness of components used in hydraulic systems

**ISO CODES:** Define the quantity of solid particles in hydraulic fluid power systems

**ASTM-F658:** Calibrate liquid particle counters

**USER-DEFINED:** Create an application-specific standard for added flexibility



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## Specifications

<i>Operating Environment</i>	7 to 52°C (44 to 125°F) 30 to 95% relative humidity, non-condensing
<i>Power Voltage</i>	100 VAC 110-120 VAC 220-240 VAC 50/60 Hz ±1%
<i>Frequency</i>	47 to 440 Hz ±1%
<i>Dimensions</i>	41 w x 31 d x 17 h cm (16 x 12 x 6.5 inches)
<i>Weight</i>	5 kg (12 lbs)
<i>Accessories Included</i>	Counter Device Thermal printer paper Cables and power cord Operator Manual
<i>Optional Accessories</i>	Particle Vision® Online Software CountSpec™ Version 2.5 Software RS-485 Communications Cable (Linear Foot) RS-232/RS-485 Converter

***At Hach, it's about learning from our customers and providing the right answers.***

***Keep it pure.***

***Make it simple.***

***Be right.***

***For current price information, technical support, and ordering assistance, contact the Hach office or distributor serving your area.***

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