FLUID POWER CONTAMINATION MONITORING

INTUITIVE – IMMEDIATE – RELIABLE

BECKMAN COULTER
Life Sciences

HIAC

TAKE CONTROL OF YOUR FLUID CLEANLINESS WITH HIAC INSTRUMENTS

Portable Liquid Particle Counter
HIAC PODS+

The HIAC PODS+ provides instant, proactive and predictive maintenance information. Sample your low-viscosity or high-viscosity fluids and report the data to ISO, NAS or SAE standards. The PODS+ has multi-liquid testing capabilities for hydraulics, oil, fuels, glycol and water.

Applications:

- Hydraulic fluids
- Fuels
- Oil
- Water
- Glycol

Key Benefits:

- Save time with custom sample recipes and sample test runs under 60 seconds
- Easily move from one sample point to another
- 1-button sampling, no training or instrument expertise required
- Onsite instant reports that eliminate lab wait times and lab fees
- Multi-liquid sampling capability (fuels, petroleums, water & glycols)
- Ability to report out to multiple standards from the same sample
- Detects moisture in petroleum-based fluids
- Reporting standards: ISO, SAE, NAS, ASTM, GOST, DEF STAN, NAVAIR, User defined

Laboratory Liquid Particle Counter
HIAC 8011+

The HIAC 8011+ is the culmination of over 30 years of particle counting expertise. Designed for ease of use, one-button sampling yields results in under 60 seconds. The sample management system ensures consistent, accurate data and is capable of testing fluids from 1cSt to 425cSt without dilution.

HIAC - the benchmark in industrial liquid particle counting, the brand you know and trust.

Applications:

- Lab sampling
- Large volume samples defined
- Corrosives
- Hydraulic fluids
- Fuel oils
- Water
- Alcohol
- Solvents
- Glycols

Key Benefits:

- Viscosity range from 1 - 425 cSt at room temperature
- 1-button sampling with results in under 60 seconds
- Standards: ISO, NAS, SAE, GOST, DOD and ASTM, User defined
- Size analysis range 0.5 µm to 600 µm (sensor dependent)
- Interchangeable sensors

Online Liquid Particle Counter
HIAC ROC

HIAC ROC particle counters are constructed for harsh environments. The HIAC ROC excels in high pressure and excels in high-pressure and high-temperature applications and and offers carefree maintenance. It supports a wide range of industrial and mobile applications, multipoint system monitoring as well as point-of-use applications.

Applications:

- Multipoint system monitoring
- Hydraulic presses and machines
- Filter carts
- Fluid fill stations
- Hydraulic power units
- Reclamation station
- Component test stands

Key Benefits:

- Suitable for use on systems up to 500 bar 7500 PSI
- Long-life laser diode, required for 24-hour continuous on-line operations
- Local display offers ISO codes
- 24/7 trend monitoring

Take Control of Your Fluid Cleanliness with HIAC

	Product	Applications	Reporting Standards	Fluid Viscosity	Features
	HIAC PODS+ Portable Liquid Particle Counter	• Hydraulic fluids • Fuels • Oil • Water • Glycol	ISO 4406 SAE AS4059 NAS 1638 ASTM D7619-12 GOST 17216 DEF STAN 91-91 NAVAIR 01-1A User defined	1 to 425 cSt with shop air pressure at 100 psig 1 to 150 cSt with internal pump	ISO-MTD: 4, 6, 10, 14, 21, 25, 30, 38, and 70 µm
	HIAC 8011+ Laboratory Liquid Particle Counter	• Lab sampling • Large volume samples defined • Corrosives • Hydraulic fluids • Fuel oils • Water • Alcohol • Solvents • Glycols	ISO 4406 NAS 1638 SAE AS4059 GOST 17216 NAVAIR 01-1A DEFSTAN 91-91 ASTM D7619 User defined Raw counts	Capable of testing fluids from 1 cSt to 425 cSt without dilution	0.5 µm to 600 µm (sensor dependent) Interchangeable sensors
	HIAC ROC Online Liquid Particle Counter	• Multipoint system monitoring • Hydraulic presses and machines • Filter carts • Fluid fill stations • Hydraulic power units • Reclamation station • Component test stands	ISO 4406 NAS 1638 SAE AS4059	2 to 424 cSt Suitable for use on systems up to 500 bar 7500 PSI	24/7 trend monitoring

Discover more at beckman.com/HIAC

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