

# Online Particle Detector

## *Parker iCount PD for Hydraulic & Fuel Oil*

The iCount Particle Detector from Parker represents the most up-to-date technology in solid particle detection.

The design dynamics, attention to detail, and small size of the permanently mounted, on-line particle detector brings a truly innovative product to all industry.

The laser based, leading-edge technology is a cost effective market solution to fluid management and contamination control.

### Features and benefits of the iCount PD include:

- Independent monitoring of system contamination trends.
- Early warning LED or digital display indicators for Low, Medium and High contamination levels.
- Moisture % RH LED indicator (optional).
- Cost effective solution in prolonging fluid life and reducing machine downtime.
- Visual indicators with power and alarm output warnings.
- Continuous performance for dependable analysis.
- Hydraulic, phosphate ester & fuel fluid compatible construction.
- Self diagnostic software.
- Fully PC/PLC integration technology such as: RS232 and 0-5 Volt, 4-20mA.

### Typical Applications

#### *Power Generation*

- Gearboxes
- Lubrication Systems
- HPU's
- Fuel Monitoring
- Filtration Systems
- Fuel Systems
- Wind Turbines

#### *Maintenance*

- Test Stands
- Flushing Stands

#### *Industrial Equipment*

- Production Plants
- Fluid Transfers
- Pulp & Paper
- Refineries

#### *Mobile Equipment*

- Earth Moving Machinery
- Harvesting
- Forestry
- Agriculture



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