

# Fluid Analysis

## LaserCM – Portable Particle Counter



There are many reasons why the LaserCM, the latest in an impressive line-up of portable particle counters, is destined to become a world-leader. Some users will be attracted to its proven performance in the field, on the production line or in the laboratory. Others will recognize the manufacturing quality, its reliability, its potential for reducing machine downtime, and its effective predictive maintenance programs. Then there are those who find originality and innovation irresistible qualities, that when combined, provide a fluid condition monitor that will out-perform the rest.

- Instant, accurate results achieved with a 2 - minute test cycle
- Data entry allows individual equipment identification
- Data graphing selectable via the integral printer
- Handset auto-logging test sequence
- Datum data download software available
- Auto 300-test cycle logging via LCD handset input
- RS-232 serial port computer interface
- Worldwide service and technical support. There is an integral 16-column printer for hard copy data

## Moisture Sensor Group



- Continuous, online moisture indication for hydraulic and lube systems
- A compact, real time solution to water contamination monitoring.
- MS150 - 10 bar max. reporting of % relative humidity of water content.
- MS200 - Programmable outputs provide user flexibility for this option.
- MS300 - Programmable and ATEX certification for this intrinsically safe model offers fast, reliable and accurate detection of moisture in fluids for use in hazardous areas.

## ASIC 'Performer' Transducers & Transmitters



- One-piece body and diaphragm machining ensures long-term product stability
- All Stainless Steel construction
- 6 transducer pressure ratings, 0–5 V and 1–6 V outputs
- 7 transmitter pressure ratings – 2-wire 4–20 mA output
- Micro plug and M12 connector options

## Flow Meters & Monitors



An extensive range of inline flow meters, flow switches and test equipment for oil, water and air applications. Inline flow indicators and precision monitors, flow transmitters, stainless steel flowmeters for corrosive or chemical media and flow products designed for arduous conditions.

# Fluid Analysis / Brake and Steering

## SensoControl



SensoControl handmeters and complete measuring systems are perfectly suited measuring tools for every application. Whether they are used in the industrial area, in mobile hydraulics, for service or repair: measuring and processing of hydraulic values is the basis of safe trouble shooting. The systematic search of errors with modern means is something the service engineer simply cannot do without. To meet the requirements in both modern industrial hydraulics and complex mobile hydraulics, we offer a range of different models.

## Hydraulic Operated Power Brake



Pump package complete with accumulator charge valve and accumulator and a Single Brake Modulating Valve with pedal.

Within the Parker Hannifin product range we can offer components for a hydraulic operated power brake system. The brake system onboard a vehicle is vital for the safety of the vehicle. It is therefore important that the design of the vehicle and the design of the brake system are co-ordinated to give an optimal safety and good performance and that complements other modern cab ergonomics to reduce operator fatigue and give good machine feel. We are pleased to help you select the right components for a given application. Contact your local Parker Hannifin Office.

## Hydraguide™ Hydrostatic Steering Units

HGF



- Compact package size
- Steering dams for precise metering
- Removable upper column
- Full pressure shaft seal
- Internal relief valve
- Low noise option
- Manual emergency steering

Frame size HGF	08	10	12	16	20	24
Displacement (cm <sup>3</sup> /rev)	54.1	67.7	81.1	108.2	135.2	162.3
Max operating pressure (bar)	124	124	124	124	124	124
Flow (l/min)	30	30	30	30	30	30
Weight (kg)	4	4.1	4.2	4.4	4.7	4.8