



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Fluid Condition Monitoring

Accessories and Solutions



ENGINEERING YOUR SUCCESS.

Together, we can provide reliable, reactive product and technical support - when you need it and wherever you need it

With ever growing competition for online particle counting, one of the major advantages of the Parker Fluid Condition Monitoring portfolio is the capability to service products in dedicated Service Centres.

Each Service Centre offers a full service and recalibration, with a network of helpful, specialised professionals trained to support your engineering or service team.

Our experience and expertise in fluid condition monitoring and analysis ensure we are THE authority within our industry.



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Parker Service Centres in 16 locations around the world.

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Two new service centres located in Russia and Turkey are the latest additions to the service network. Officially opening early 2013, these facilities will benefit the growing need for local calibration of particle counters.

Introduction

HFDE's Condition Monitoring products 'Accessories and Solutions' bulletin is designed to provide, by product, a comprehensive list of the available accessories to help ensure product and performance efficiency. For any additional information or support regarding accessories, please email: commoninfo@parker.com

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User Responsibility Information

Note: Parker CMC reserves the right to modify accessory specifications.

icountLCM20 Portable Particle Counter



Product Features Include:

- icountLCM20 is a proven answer to fluid system contamination monitoring.
- 2-minute test procedure.
- Multi-standard ISO, NAS, GOST and AS4059 cleanliness reporting.
- Data entry, data graphing and integral printer.
- 420 bar rated maximum pressure.

Standard Kit Confirmation

ParSmart and data cable

Batteries

Instruction and certificate

Weather protector

Rechargeable battery packs

LCM20 Case



Printer reel

Printer Ribbon

Limit level socket

Power Supply

ACC6ND000

- RS232 TO USB DOWNLOAD CABLE
- TO BE USED WITH ALL LCM20 MODELS



ACC6ND002

- WEATHER PROTECTOR
- TO BE USED WITH: LCM20 WITHOUT CMP



ACC6NE006

- PARSMART SOFTWARE PACKAGE
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE008

- 3M UK POWER SUPPLY
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE009

- 3M EUR POWER SUPPLY
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE010

- 3M USA POWER SUPPLY
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE012

- EMPTY BATTERY PACK ASSY
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE013

- RECHARGEABLE BATTERY PACK
- TO BE USED WITH ALL LCM20 MODELS



ACC6NE014

- PRINTER RIBBON
- TO BE USED WITH ALL LCM20 MODELS

**ACC6NE015**

- PRINTER ROLL (PACK OF 5)
- TO BE USED WITH ALL LCM20 MODELS

**ACC6NE016**

- SCREWDRIVER
- TO BE USED WITH ALL LCM20 MODELS

**ACC6NE017**

- LIMIT LEVEL SOCKET
- TO BE USED WITH ALL LCM20 MODELS

**ACC6NE018**

- 2.5MM JACK PLUG
- TO BE USED WITH ALL LCM20 POWER SUPPLIER.

**SER.MISC.063**

- LCM20 CARRY CASE



icountACM20 Portable Particle Counter



Product Features Include:

- icountACM20 monitors aviation fuel contamination to DEFSTAN 91-91 Issue 6 Jet A-1 fuel specifications.
- Energy Institute Test Method IP 564.
- 2-minute test procedure.
- On-board, rear-mounted pump expands monitoring possibilities.

ACC6ND000

- RS232 TO USB DOWNLOAD CABLE
- TO BE USED WITH ALL ACM20 MODELS



ACC6ND001

- BOTTLE PACK X 10
- TO BE USED WITH ACM20 CASE MOUNTED PUMP



ACC6ND002

- WEATHER PROTECTOR
- TO BE USED WITH ACM20 MODELS WITHOUT CASE MOUNTED PUMP



ACC6NE000

- INTEGRAL PUMP SAMPLE HOSE KIT
- TO BE USED WITH ACM20 CASE MOUNTED PUMP



ACC6NE001

- ONLINE ACM20 KIT
- TO BE USED WITH ACC6NE003 TO ALLOW ONLINE TESTS



ACC6NE002

- 50 X BOTTLE PACK CLEAN BS
- TO BE USED WITH ACM20 CASE MOUNTED PUMP



ACC6NE003

- 1M EXTENSION HOSE & SET OF COUPLINGS
- TO BE USED WITH ACM20 WITH LAB KIT
- THE HOSE SET CONSISTS OF 2 HOSES AND COUPLINGS SHOWN IN THE PHOTO. TOTAL HOSE LENGTH OF THE SET = 2M



ACC6NE005

- BOTTLE ADAPTOR KIT
- TO BE USED WITH ACM20 WITH LAB KIT



ACC6NE006

- PARSMART SOFTWARE PACKAGE
- TO BE USED WITH ACM20 WITH LAB KIT.



ACC6NE019

- CARRY CASE ACM20
- TO BE USED WITH ACM20 WITH LAB KIT.



ACC6NW003

- VAPOUR/WASTE BOTTLE
- TO BE USED WITH ACM20 WITH LAB KIT.



ACC6NE029

- THROTTLE KIT
- TO BE USED WITH ACM20 WITH LAB KIT.



ACC6NE012

- EMPTY BATTERY PACK ASSY



ACC6NE008

- 3M UK POWER SUPPLY - ACM20



ACC6NE009

- 3M EUR POWER SUPPLY - ACM20



ACC6NE010

- 3M USA POWER SUPPLY - ACM20



ACC6NE020

- ODU OIL DELIVERY UNIT
- OFFLINE KIT (UK)



ACC6NE021

- ODU OIL DELIVERY UNIT
- OFFLINE KIT (EUR)



ACC6NE022

- ODU OIL DELIVERY UNIT
- OFFLINE KIT (USA)



SERMISC067

- MTD VERIFICATION FLUID 2 X 500 ML
- 6 MONTHS SHELF LIFE



ACC6NE015

- ACM20 PRINTER ROLL (PACK OF 5)



ACC6NE014

- ACM20 PRINTER RIBBON



ACC6NE007

- ACM 2024 TROLLEY CASE



ACC6NE011

- ACM 20 CD MANUAL



icountACM20 Z2 Fuel Particle Counter



Product Features Include:

- Proven answer to fluid system contamination monitoring
- Assembled in an approved and certified Stainless Steel enclosure to comply with ATEX Directive 94/9/EC.
- 2-minute test procedure.
- Multi-standard ISO, NAS, GOST and AS4059 cleanliness reporting.
- Data entry, data graphing and integral printer.
- 420 bar rated maximum pressure.

ACM20 Z2



1. Battery charger
2. Process cable
3. User manual
4. Downloader software
5. Throttle kit
6. Millipore adaptor assy.
7. Aluminium case
8. Waste bottle

ACC6NE023

- 3M UK BATTERY CHARGER Z2

**ACC6NE024**

- 3M EUR BATTERY CHARGER Z2

**ACC6NE025**

- 3MUSA BATTERY CHARGER Z2

**ACC6NE027**

- 2M PROCESS CABLE RS 232 TO M12, 8 PIN
- ACM20 Z2

**ACC6NE028**

- CARRY CASE ACM20 Z2

**ACC6NE029**

- THROTTLE KIT

**ACC6NE006**

- PARSMART SOFTWARE PACKAGE

**ACC6NW003**

- VAPOUR/WASTE BOTTLE



ACC6NE001

- ONLINE ACM20 KIT



ACC6NE026

- ACM20 MANUAL Z2



MCM20 On-line Continuous Particle Counting



Product Features Include:

- Calibration carried out to ISO11171 via ISO11943 principles.
- Multi-standard ISO and NAS reporting including full count/100 ml. detection at size ranges.
- Interactive handset options available for direct test sequencing, change test parameters and last test results.
- PC/PLC controlled.
- Can be pre-set to carry out tests at specific intervals.
- Connects permanently to System20 sensors via 2 metre hose assembly.

ACC6NB001

- MCM HANDSET BLUE MINERAL FLUID

**ACC6NB002**

- MCM HANDSET RED AGGRESSIVE FLUID



ACC6NN003

- M16 2M HOSE SET
- THE HOSE SET CONSISTS OF 2 HOSES SHOWN IN THE PHOTO

**ACC6NN004**

- THE HOSE SET CONSISTS OF 2 HOSES SHOWN IN THE PHOTO
- 2M 5/8" BSF AGGRESSIVE HOSE



ACC6NB003

- MCM20 UK POWER SUPPLY

**ACC6NB004**

- MCM20 EURO POWER SUPPLY



ACC6NB005

- MCM20 USA POWER SUPPLY



MS Series In-line Moisture Detection Sensor



Product Features Include:

- MS150 'low pressure' suction/ Return line applications. 10 bar maximum operating pressure.
- MS200 'Programmable' sensor monitoring and reporting relative humidity (RH), moisture content in oils. 420 bar MAOP.
- MS300 'Intrinsically safe' sensor ATEX certificated for use in hazardous Zone 0 environments. 420 bar MAOP.
- Temperature Outputs on all versions.

ACC6NF000

- 5M M12,8 PIN MOULDED CABLE
- TO BE USED WITH MS200

**ACC6NF001**

- M12,5 PIN REWIREABLE CONNECTOR IP68
- TO BE USED WITH MS 150



ACC6NF003

- 5M M12, 5 PIN MOULDED CABLE
- TO BE USED WITH MS 150



SPS Single Point Sampler



Product Features Include:

- Lightweight, compact and easy to use online sampling unit.
- Connects an icountLCM20 to a single pressure test point in a fluid system.
- Suitable for use with mineral and biodegradable oils, petroleum based and phosphate ester fluids.
- 420 bar rated maximum pressure.

ACC6NH001

- 1M EXTENSION HOSE & COUPLING MINERAL



ACC6NH002

- 2M EXTENSION HOSE & COUPLING AGGRESSIVE



ACC6NH003

- 5M OIL WASTE HOSE (MIN)



ACC6NH004

- 5M OIL WASTE HOSE (AGG)



ACC6NW003

- VAPOUR/WASTE BOTTLE



UBS Universal Bottle Sampler



Product Features Include:

- Simple operation.
- Efficient testing procedure.
- Clean and contamination free sampling.
- Available for both mineral based and aggressive fluids.
- Further advances the LCM20's flexibility into laboratory bottle sampling environments.
- Can accept various different sized bottles.
- Minimal working parts.
- Internal auto setting fuse for overload protection.
- Simple maintenance procedures.

ACC6NK000

- SAMPLE TUBE PACK OF 20 (70 MM & 130 MM)



ACC6NK001

- SAMPLE BOTTLE 250ML PAIR NO CAP



ACC6NW001

- SAMPLE BOTTLE KIT PAIR 250 ML



ACC6NW002

- SAMPLE BOTTLE KIT (2X50 PAIRS) 250ML



ACC6NK002

- UBS POWER SUPPLY NO PLUG



ACC6NK003

- UBS DEGASSING CHAMBER & PUMP



ACC6NK004

- UBS DEGASSING CHAMBER ONLY



ACC6NK005

- UBS CABLE & ADAPTOR



ACC6NK006

- PERISTALTIC PUMP 150MM FLUOROELASTOMER TUBE ASSY - MINERAL



ACC6NK007

- PERISTALTIC PUMP 150MM MARPRENE TUBE ASSY - AGGRESSIVE



ACC6NK008

- VACCUM GLASS CHAMBER



icountPD Online Particle Detector



Product Features Include:

- Independent monitoring of system contamination trends.
- Warning LED or digital display indicators for Low, Medium and High contamination levels.
- Visual indicators with power and alarm output warnings.
- Moisture %RH indicator (optional).
- Cost effective solution to prolong fluid life and reduce machine downtime.

ACC6NE003

- 1M M16 EXTENSION HOSE SET & COUPLINGS
- THE HOSE SET CONSISTS OF 2 HOSES AND COUPLINGS SHOWN IN THE PHOTO



ACC6NN002

- 1M HOSE 5/8" BSF AGGRESSIVE HOSE SET OF 2



ACC6NN003

- 2M M16 HOSE SET
- THE HOSE SET CONSISTS OF 2 HOSES AS SHOWN IN THE PHOTO



ACC6NN004

- 2M 5/8" BSF AGGRESSIVE HOSE
- SET OF 2



ACC6NN005

- 5M M16 HOSE SET
- THE HOSE SET CONSISTS OF 2 HOSES AS SHOWN IN THE PHOTO. TOTAL HOSE LENGTH OF THE SET = 10M



ACC6NN006

- 5M 5/8" BSF AGGRESSIVE HOSE
- SET OF 2



ACC6NN007

- 1/4" BSP TEST POINT
- M16 QUICK REALISE COUPLING



ACC6NN008

- 1/4" BSP TEST POINT - AGGRESSIVE.
- M16 QUICK REALISE COUPLING



ACC6NN009

- 1/8" BSP TEST POINT - MINERAL
- M16 QUICK REALISE COUPLING



ACC6NN010

- 1/8" BSP TEST POINT - AGGRESSIVE.
- 5/8 QUICK REALISE COUPLING



ACC6NN011

- 1/8 NPT TEST POINT - MINERAL
- M16 QUICK REALISE COUPLING



ACC6NN012

- 1/8 NPT TEST POINT - AGGRESSIVE.
- 5/8 QUICK REALISE COUPLING



ACC6NN013

- 3M IPD POWER SUPPLY KIT
- MULTI PLUGS (EUR, UK , USA)



ACC6NN014

- 5M M12 8 PIN PLUG/ SOCKET MIN OIL



ACC6NN025

- 5M M12 - 8 PIN PLUG/SOCKET CONNECTOR KIT



ACC6NN021

- 10M M12 8 PIN ATEX PLUG / SOCKET
- TO BE USED WITH IPDZ



ACC6NN015

- 5M M12 8 PIN PLUG/
SOCKET AGGRESSIVE
FLUID



ACC6NN016

- DEUTSCH 12 PIN
CONNECTOR KIT



ACC6ND000

- 1M RS232 TO USB CABLE KIT



ACC6NN018

- M12 TO RS232 ADAPTER 120 MM LG



ACC6NN019

- ICOUNT IPD FLOW DEVICE KIT



ACC6NN022

- IPD POWER CABLE
- M12, 8 PIN - 2.5MM JACK PLUG SOCKET



ACC6NN020

- CARTRIDGE FLOW
CONTROL VALVE



icountPDR 'Robust' Online Particle Detector



Product Features Include:

- Rugged design ensures protection against environmental exposure.
- Small and compact device constructed in Stainless Steel.
- Moisture %RH indicator (optional).
- Cost effective solution to prolong fluid life and reduce machine downtime.
- Continuous performance for prolonged analysis.
- Fuel, Hydraulic and phosphate Ester fluid compatible construction.

ACC6NE003

- 1M EXTENSION HOSE SET & COUPLINGS
- THE HOSE SET CONSISTS OF 2 HOSES AND COUPLINGS



ACC6NN003

- 2M HOSE SET M16
- THE HOSE SET CONSISTS OF 2 HOSES



ACC6NN035

- M12, 12 PIN - 12 PIN DEUTSCH CABLE ADAPTOR KIT



ACC6NN005

- 5M HOSE SET M16
- THE HOSE SET CONSISTS OF 2 HOSES



ACC6NN013

- 12 VOLT REGULATED POWER SUPPLY EUR, UK, USA, SET



ACC6ND000

- 1M RS232 TO USB CABLE KIT



ACC6NN023

- FLOW CONTROL VALVE
- INDUSTRIAL FITTING TUBE 06L-G1/8A - M16 CONNECTOR



ACC6NN024

- 5M M12 - 12 PIN CABLE FEMALE



SERIPD020

- E02 TO M16 ADAPTOR



ACC6NN045

- IQAN MD3 SCREEN
PRE-LOADED
WITH COMMON
SOFTWARE



icountBSplus Bottle Sampler



Product Features Include:

- Quick sample bottle analysis with variable test time options from 15 seconds and volume capacities from 10ml.
- Repeatable and re-producible result performance to ISO4406:1999 and NAS1638 particle count distributions.
- On-board compressor and 'shop' air capability.
- Environmentally controlled front-loading bottle chamber design concept allowing for portability.
- DC and rechargeable battery pack power option built in.
- CE compliant.
- Fluid resistant touch type screen panel.
- On-board thermal printer.
- 500 test memory (fully downloadable).

ACC6NW001

- 250ML SAMPLE BOTTLE KIT (1 PAIR)



ACC6NW002

- 250ML SAMPLE BOTTLE KIT (2X50 PAIRS)



ACC6NW003

- VAPOUR/WASTE BOTTLE



ACC6NW005

- PRINTER PAPER REEL (ONE)



ACC6NW025

- 2M EUROPEAN POWER CABLE



ACC6NW024

- 2M US POWER CABLE



ACC6NW023

- 2M UK POWER CABLE



ACC6NW009

- 1M WASTE TUBE (CLEAR)



ACC6NW010

- 1M VAPOUR HOSE (BLUE)



ACC6NW011

- USB MEMORY STICK/PEN



ACC6NW026

- IBS CD MANUAL



ACC6NW020

- IBS CASE



ACC6NW028

- DRIP TRAY (ONE)



ACC6NW031

- STYLUS PEN (ONE)



SER.MISC.049

- VERIFICATION FLUID CALIBRATION PACK
- 6X250ML OIL SAMPLE
- 6 MONTHS SHELF LIFE



ACC6NW016

- DOOR SEEL KIT (X 5)



ACC6NN031

- 1.5M LOW PRESSURE HOSES 4MM AND 6MM DIAMETER

**ACC6NN033**

- BLANKING PLUGS (4MM INLET AND 6MM OUTLET)



ACC6NW030

- REPLACEMENT PACKING BOX AND INSERTS



icountOS Oil Sampler



Product Features Include:

- Specific ISO 4406 / NAS 1638 codes indicate contamination levels.
- A low-cost solution to prolonging fluid life.
- Mineral fluid-compatible and fuel-compatible construction.
- Percentage water saturation reporting.
- Robust, portable design (<5.5kg).
- On-board web page generation, allowing users to set their own testing parameters.
- On-board memory (250,000 test results).

ACC6NN040

- 3M UK BATTERY CHARGER



ACC6NN041

- 3M EURO BATTERY CHARGER



ACC6NN042

- 3M USA BATTERY CHARGER



ACC6NN027

- PRV PRESSURE REDUCTION VALVE
- WORKING PRESSURE 2.5 BAR – 350 BAR



ACC6NN028

- 2M RJ45 COMMUNICATION PATCH CABLE



ACC6NN029UK

- HOSE KIT BAG
- POWER SUPPLY
- RJ45 PATCH CABLE
- LOW PRESSURE HOSE CONNECTOR



ACC6NN029US

- HOSE KIT BAG
- POWER SUPPLY
- RJ45 PATCH CABLE
- LOW PRESSURE HOSE CONNECTOR



ACC6NN029EUR

- HOSE KIT BAG
- POWER SUPPLY
- RJ45 PATCH CABLE
- LOW PRESSURE HOSE CONNECTOR



ACC6NN030

- CARRY STRAP - MUST BE SELECTED AT THE TIME OF PLACING IOS ORDER



ACC6NN031

- 1.5M IOS LOW PRESSURE HOSES
- 4MM AND 6MM



ACC6NN032

- IOS PACKING BOX



ACC6NN033

- BLANKING PLUGS
- 4MM AND 6MM



ACC6NN034

- HOSE - HIGH PRESSURE 1M



SER.MISC.067

- VERIFICATION FLUID (2 X 500 ML)
- 6 MONTHS SHELF LIFE



ACC6NN036

- IOS CASE LID PACK OF 5



ACC6NN037

- 2.5M HIGH PRESSURE HOSE



ACC6NN043

- IOS CD MANUAL



10MFP Hydraulic Trolley



Product Features Include:

- 10MFP hydraulic trolley is the ideal way to pre-filter and transfer fluids into reservoirs or to clean up a system.
- CE Marked. (From 2012).
- Heavy-duty frame but still lightweight and portable.
- Maximum flow 38 l/min.
- Par-Gel water removal elements available.
- icountPD particle detector option.
- MS Moisture Sensor option.

ACC6JE001

- 2M UK
LOCKABLE
CABLE



ACC6JE002

- 2M EURO
LOCKABLE CABLE



ACC6JE003

- NITRILE ORING
PACK QTY 2



Oilcheck Hand-Held Oil Condition Monitor



Product Features Include:

- Provides a visual comparison between new and used oils.
- Once calibrated with clean oil, the Oilcheck will store the calibration unit's memory when the unit is switched off; until such time that a re-calibration is required by the user.
- Completely portable and battery powered.
- Numerical display shows positive increase in dielectrics.
- Gives early warning of impending engine failure.
- Optional protective rubberized sleeve.

OLK611

- OILCHECK ELECTRO CONTACT CLEANER (459 ML)



ACC6NV001

- RUBBERIZED PROTECTIVE SLEEVE



EM20 Electric Monitor



Product Features Include:

- Gives a full digital display.
- Automatically calibrated for all 3 sizes of sensor.
- Indicates line, differential and rising peak pressure.
- Easily scrolled from metric to US.
- 300 test memory.
- Capable of downloading saved data to download software.

LCD Screen details:

Flow section:

- Digital full scale display automatically calibrated for all sizes of System 20 Sensor.

Pressure section:

- It will monitor pressure up to 420 bar (6000 psi) with an accuracy of $\pm 1\%$ FSD.

Temperature section:

- Temperature reading between -10°C and $+110^{\circ}\text{C}$ (14°F to 230°F).

ACC6NJ000

- MONITOR & SENSOR CASE
- TO BE USED WITH EM20.

**ACC6NJ001**

- DONGLE & CABLE ASSY
- TO BE USED WITH EM20.



Transducers & Transmitters



Product Features Include:

- A quality range of transducers and transmitters with pressure ratings - 25, 60, 100, 250, 400 and 600 bar.
- One-piece body and diaphragm machining ensures longterm stability.
- All Stainless Steel construction.
- Cost-effective solution in many industry applications.
- 0-5 Volt, 1-6 Volt Transducers.
- 4-20mA Transmitters.
- 1/4 " BSP thread.
- M12 or MicroDIN plug options.

ACC6PA001

- M12 2M 4 CORE FLYING LEAD CABLE



ACC6PA002

- M12 5M 4 CORE FLYING LEAD CABLE



ACC6PA003

- M12 10M 4 CORE FLYING LEAD CABLE



Important information



WARNING-USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through their own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the applications are met.

The user must analyse all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalogue and in any other materials provided from Parker or its subsidiaries or authorized distributors.

- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

The operation of the products described here in is subject to the operating and safety procedures details of which are available upon request.

Sales conditions

The items described in this document are available for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. Any sale contract entered into by Parker will be governed by the provisions stated in Parker's standard terms and conditions of sale (copy available upon request)

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