

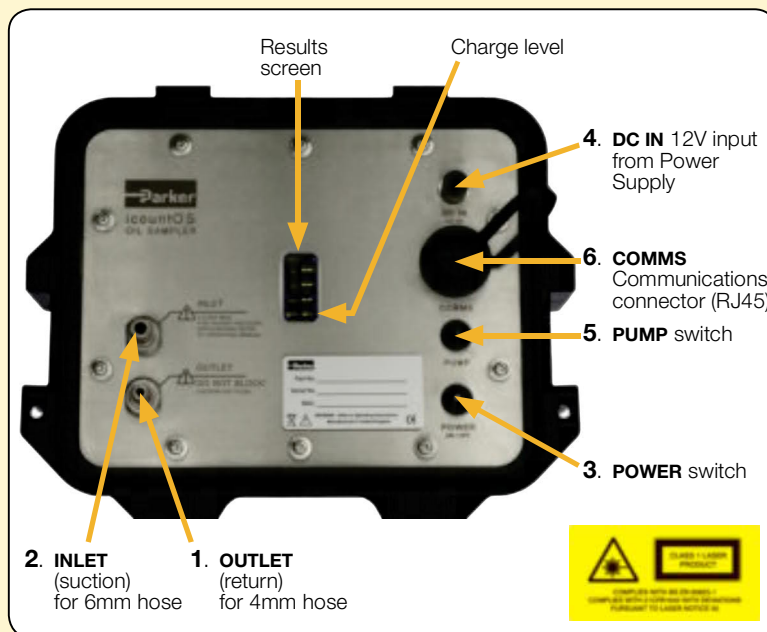


icountOS OIL SAMPLER

Parker Hannifin UK Ltd
Filter Division Europe, Condition Monitoring Centre
Brunel Way, Thetford
Norfolk, IP24 1HP, UK

Tel: +44(0) 1842 763299
Fax: +44(0) 1842 756300
Email: conmoninfo@parker.com
Web: www.parker.com/hfde

CD00000123 Rev -



QUICK START

1. Push-fit the **OUTLET** (return) 4mm hose – check that it's free of blockages.
2. Push-fit the **INLET** (suction) 6mm hose.
- ⚠ For high pressure systems (>2.5bar or 35psi), use PRV (ACC6NN027).
3. Press the **POWER** switch.
4. Check the unit is charged: attach the power supply connector to **DC IN** if required.
5. Press the **PUMP** switch – *results appear on screen.*
6. Attach the **COMMS** connector to download test data to a laptop or network.

icountOS Manual
DD0000013

Guide to Contamination Standards
DD0000015

Not registered? Go to
www.parker.com/unlock



请参考手册



Lue Käyttöohje



Veillez lire le manuel



Siehe Betriebsanleitung



Fare riferimento al manuale



参照マニュアルを参照して



se manual



zapoznaj się z instrukcją



Consulte el manual



Se manual

icountOS



icountOS Oil Sampler Manual



DD0000013_GB Rev -

© 2011, Parker Hannifin Corporation

www.parker.com/hfde

Contents

About this Manual	3
Overview.....	3
Symbol glossary.....	4
Safety information.....	4
Laser Information	5
Exclusion of Liability	5
Conditions for safe use	5
Product Registration.....	5
EC Declaration of Conformity.....	6
Product Identification labels.....	7
Introduction	8
Principles of operation.....	8
Servicing and calibration.....	8
Benefits.....	9
Product features.....	10
Operator panel	10
Mounting.....	10
Dimensions	11
Hydraulic circuit.....	11
The Results display screen.....	12
ISO.....	12
NAS	12
Pressure Reducing Valve (PRV).....	13
Technical specifications.....	14
Contamination Standards.....	15
Software default settings.....	15
Connections	16
Electrical connections	16
Connecting/Disconnecting	16
Communication connections.....	17
Connecting/Disconnecting	17
Stand-alone or Network Setup.....	18
No Network or Laptop connection available	18
Connecting to a Network or Laptop.....	19
Low pressure connection setup.....	20
Assembling the hose fittings	20
Removing the hose fittings	21
High pressure connection setup	22
Assembling the PRV and hose fittings	22
Removing the PRV and hose fittings.....	23
icountOS Web Interface.....	24
Home page	24
Unit Status page – ISO	24
Unit Status page – NAS.....	25
Data Log page	25
Configuration page – ISO	26
Configuration page – NAS.....	26
Configuration: Set Date and Time page	27
Configuration: Set Reporting Standard page	27
Contact Us page	28
Reference.....	29
Ordering information.....	29
Recalibration and servicing	31
Verification fluid.....	31
Returning the unit	31

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

About this Manual

Overview

Parker Hannifin's icountOS is a laser particle oil sampler.

This mineral or aviation fuel based fluid contamination detector is designed for use in adverse conditions and is housed in an HPX® High Performance Resin case. With its Vortex® valve allowing pressure release without letting in water and its soft handle, icountOS has been designed with customers in mind, offering durability, functionality and future customisation options.



Durable HPX® case

Vortex® pressure release valve

Double-layer soft grip handle

The unit has two hydraulic connections that allow the fluid to be transferred through the unit for analysis. The icountOS (IOS1220) is supplied with low pressure hoses (ACC6NN031) and a Pressure Reducing Valve (ACC6NN027). The High pressure hose (ACC6NN034) is also available when connecting a PRV to your system.

The electrical supply is made via an M12 Round IP67-approved connector and the communications is made via an RJ45 IP68-approved connector. The unit is rated IP54 (unit open) and IP67 (unit closed).



Suggest:

For more complete manuals. Please go to the home page.

<https://www.ebooklibonline.com>

If the above button click is invalid. Please download this document first, and then click the above link to download the complete manual.

Thank you so much for reading

Symbol glossary

The following symbols are used in this manual.



WARNING

Warning notices are used in this publication to emphasize that hazardous voltages, currents, temperatures, or other conditions that could cause personal injury exist in this equipment or may be associated with its use.

A Warning notice is used in situations where inattention or misuse could cause personal injury.



CAUTION

A Caution notice is used in situations where inattention or misuse could cause damage to the equipment. If the equipment is used in a manner not specified by the manufacturer, the protection/performance may be impaired.



CHECK

Notes merely call attention to information that is especially significant to understanding and operating the equipment. You may need to check the orientation or tightness of connections, for example.



SAFETY EQUIPMENT

Some operations require special attention to safety, such as the use of safety glasses. Contact your local Parker Hannifin sales office if you have any concerns.



SERVICE/REPAIR

Any servicing or repair work must be carried out by a Parker-approved service centre. Contact your local Parker Hannifin sales office for recalibration services.



WARNING

A red band around a picture or instruction is used to emphasize that particular care is required to avoid the danger of personal injury or other hazard.



CAUTION

A yellow band around a picture or instruction is used to emphasize that particular care is required in carrying out the instruction. Examples are checking that plugs are 'keyed' (i.e. correctly polarized) before they are fully inserted, or that hoses are fitted carefully so they do not leak.

Safety information



Please read the operating instructions before use and refer to this Handbook whenever appropriate during use.

Before operating the icountOS ensure all electrical connections, hoses and fittings are securely fitted to the appropriate standards.



Check all hoses and fittings for wear and or damage. If replacements are required please order new parts using the Accessory Part Numbers on the **Ordering Information** section (pages 27–28). Replace any loose or leaking hoses immediately.



WARNING: High pressure oil or fuel systems can present a danger of serious personal injury.