



and



**XCP[®] Technology
delivers accuracy and accountability needed for Octane and Cetane testing**

We are proud to announce:



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November 3, 2020

Dalytical GmbH
Auvorstadtgasse 45
Gross-Enzersdorf, Lower Austria 2301, Austria

Subject: General Representation Letter

Dear Damir Grabovac,

This letter confirms that Dalytical GmbH, with its principal place of business at Auvorstadtgasse 45 Gross-Enzersdorf, Lower Austria 2301, Austria, ("Channel Partner"), currently holds a Distributor Agreement (the "Agreement") for the CFR® family of fuel rating products. CFR Engines Inc., having its principal place of business at N8 W22577 Johnson Drive, Pewaukee, WI 53186, U.S.A. ("Manufacturer"), is the exclusive manufacturer of CFR® fuel rating products.

The purpose of this letter is to confirm that the company, Dalytical GmbH, Auvorstadtgasse 45, Gross-Enzersdorf, Lower Austria 2301, Austria, ("Dalytical") is an independent company with authorization to quote, participate in public and private bids, sell, service and conduct warranty work on the CFR® fuel rating engines and service parts, which would be sold by Manufacturer to Dalytical pursuant to Manufacturer's standard scope of supply and terms of sale and export.

Manufacturer currently recognizes Dalytical as its authorized Channel Partner in the territories of Albania, Austria, Bosnia & Herzegovina, Bulgaria, Croatia, Czech Republic, Greece, Holy See, Hungary, Italy, Kosovo, Liechtenstein, Malta, Montenegro, North Macedonia, Poland, Romania, San Marino, Serbia, Slovakia, Slovenia. As such they are authorized to sell new CFR® equipment, genuine CFR® repair and service parts, as well as provide factory authorized service, repair and warranty work pursuant to their Agreement with Manufacturer, within the territories noted. The above recognition is subject to Dalytical performance and Manufacturer business strategy, as defined by the Agreement.

We trust this information meets your requirements. This letter is valid for whichever of the following occurs first; November 3, 2021, expiration/termination of the Agreement, or supersession by a subsequent replacement letter.

If you have any questions, please do not hesitate to contact me directly.

Regards,

A handwritten signature in blue ink that reads "Joseph Lange".

Joseph Lange
Business Manager
CFR Engines Inc.

Phone: (262) 352-2107
Email: joseph.lange@cfrengines.com

XCP™ Technology Standard for Octane and Cetane Rating Units

XCP™ Technology remains the modern instrumentation of choice for octane and cetane testing. CFR continues to apply advances in design, measurement, and control to its XCP Technology platform. The XCP Digital Control Panel brings advanced functionality, increased automation, enhanced documentation capabilities and future expansion opportunities to the CFR fuel rating units. Designed with the operator in mind, the XCP panel is intuitive, easy-to-use, CE Mark compliant, and accommodates users of all skill levels. XCP Technology is standard on all octane and cetane testing units, and can be retrofitted to most existing CFR units.



Fully Integrated Test Control

The integrated control, data capture, and reporting of XCP Technology directly supports the accountability and traceability needs of today's testing environments.

Like all CFR Engines Inc. products, XCP Technology is designed, manufactured, and tested to work as part of an integrated and reliable solution for your operation. The engine, parts, accessories, instrumentation, control system, and upgrade options are all provided by CFR to operate together with seamless efficiency.

Compliance

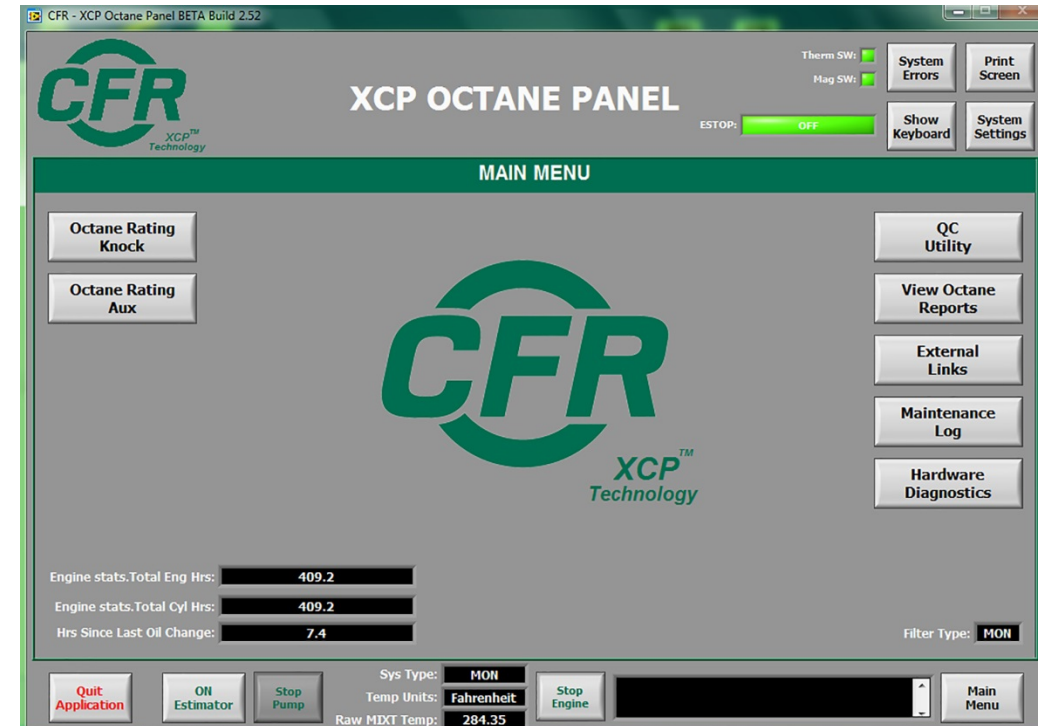
Built with flexibility to run customized test procedures or conduct tests that are fully compliant to all procedures of the current ASTM

Methods:

D2699 – Research Octane Number

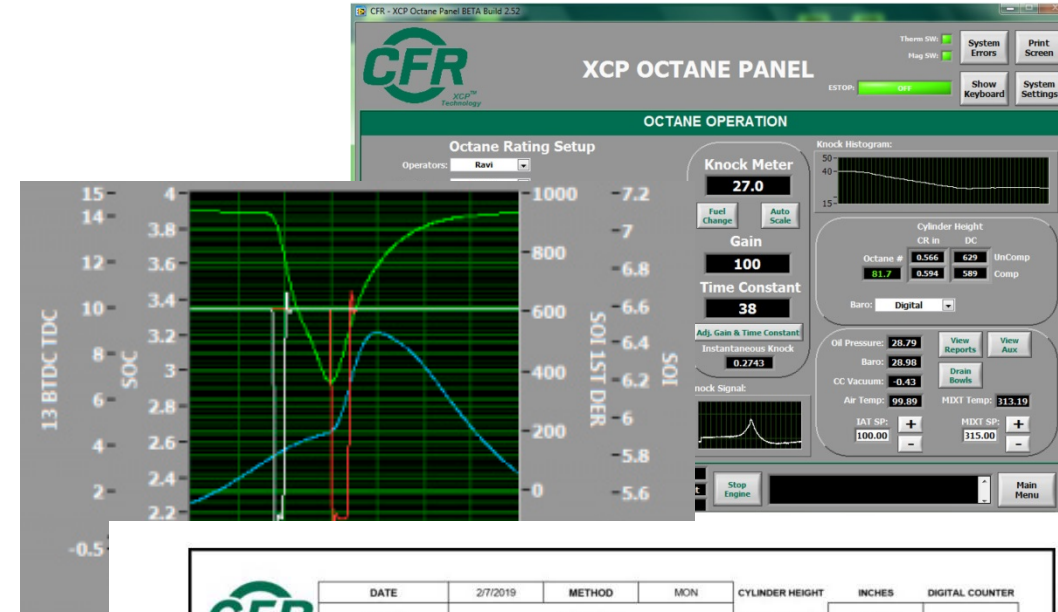
D2700 – Motor Octane Number

D613 – Cetane Number



Advantages

- Intuitive and complete interface with guided test setup, clear visual displays, and simplified operation procedures.
- Real time data recording of all engine parameters and test performance data.
- Clearly defined results are automatically reported incrementally at each critical step of the test and in conclusion at end of test.
- Full engine monitoring with modern instrumentation allows isolation and close monitoring of key systems.
- Detailed and traceable reports are automatically built with complete data tables, performance graphs, and summarized results..



DATE	2/7/2019	METHOD	MON	CYLINDER HEIGHT	INCHES	DIGITAL COUNTER		
SAMPLE	81.5 TSF P1			COMPENSATED	0.576504	614		
Ref Fuel ON (PRF)	80	PROCEDURE	Auto Dy	UNCOMPENSATED	0.596785	585		
High Fuel ON (PRF)	82	OPERATOR	Operator		in hg.	kpa		
Mix Temp	300	TIME	7:41:45	BAROMETER	29.26	99.09		
ACTUAL ON RESULTS		ROUNDED ON RESULTS		ON DIFF PASS 2-1				-0.1
SAMPLE ON PASS1	81.60	81.6		ON DIFF PASS 3-2				N/A
SAMPLE ON PASS2	81.54	81.5						
SAMPLE ON PASS3	N/A	N/A						
AVERAGE PASS 1&2	81.57	81.6						
AVERAGE PASS 2&3	N/A	N/A						

Pass 1							
TIME	Reference	Fuel	Max KI Level	Max KI	IAT SP	IAT ACTUAL	ON RESULT
7:41:45	Unknown	81.5 TSF P1	477	54.1	100	100.02	81.6
7:46:19	Ref Fuel ON (PRF)	80	591	60.5	100	99.99	
7:50:50	High Fuel ON (PRF)	82	593	52.5	100	100.05	
OIL PRESSURE PSI	CC VACUUM IN H2O	OIL T SP	OIL T ACTUAL	WATER TEMP	CONDENSER TEMP	MIX T SP	MIX T ACTUAL
29.7	0.89	130.1	137.8	210.92	108.21	300	300
30.21	1.06	130.1	138.24	210.81	110.38	300	300
30.35	1.28	130.1	138.28	210.79	104.79	300	300

Pass 2							
TIME	0	0	Max KI Level	Max KI	IAT SP	IAT ACTUAL	ON RESULT
7:56:36	Unknown	81.5 TSF P1	490	54.9	100	100.05	81.6
8:01:07	High Fuel ON (PRF)	82	577	53	100	99.99	
8:05:38	Ref Fuel ON (PRF)	80	596	61.3	100	100.05	
OIL PRESSURE PSI	CC VACUUM IN H2O	OIL T SP	OIL T ACTUAL	WATER TEMP	CONDENSER TEMP	MIX T SP	MIX T ACTUAL
29.96	1.24	130.1	138.45	210.85	102.58	300	300
30.09	1.28	130.1	138.64	210.84	108.63	300	300
30.21	1.28	130.1	138.54	210.69	106.31	300	300

Speed

Reduced operator interactions and computer guided compliance to test methods deliver faster results and more instrument productivity.

Accountability

The singular modern XCP system replaces individual manual controls to provide a more intuitive and easier to use instrument, by a variety of operators, for more dependable tests.

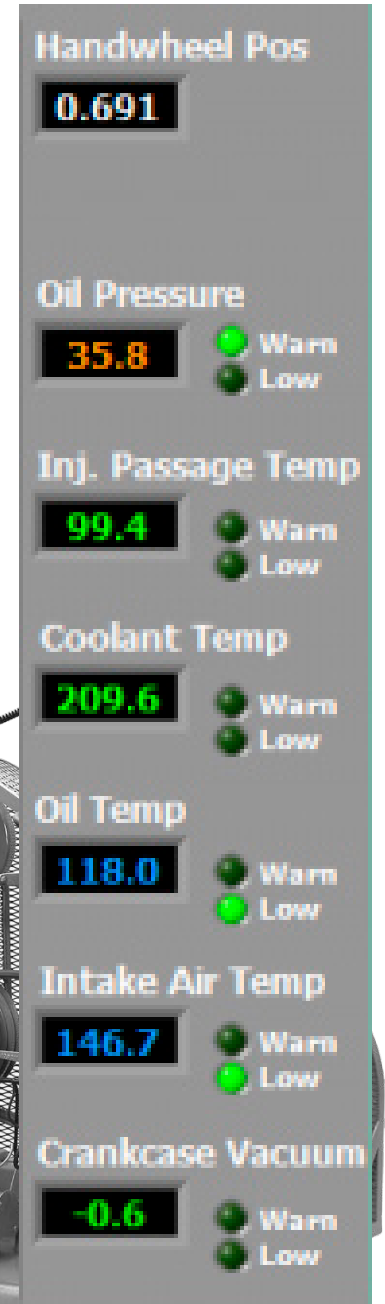
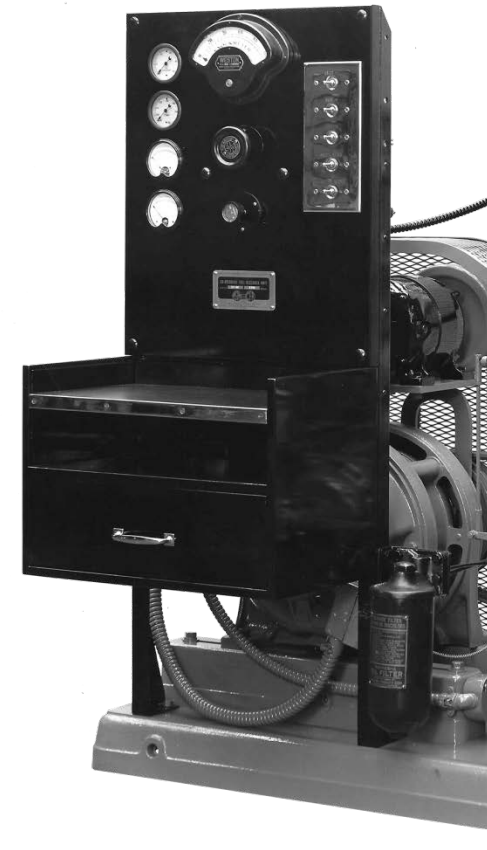
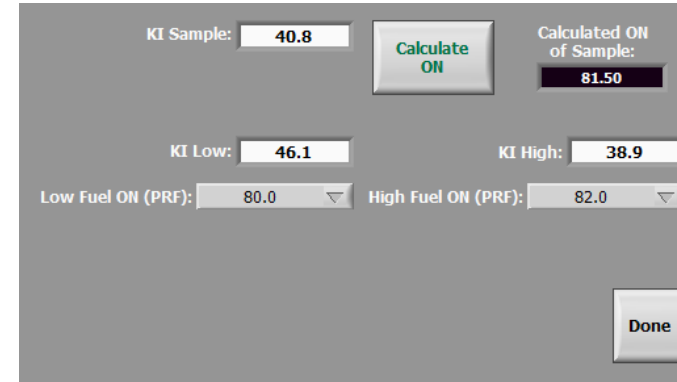
Flexibility

The singular modern XCP system replaces individual manual controls to provide a more intuitive and easier to use instrument, by a variety of operators, for more dependable tests.

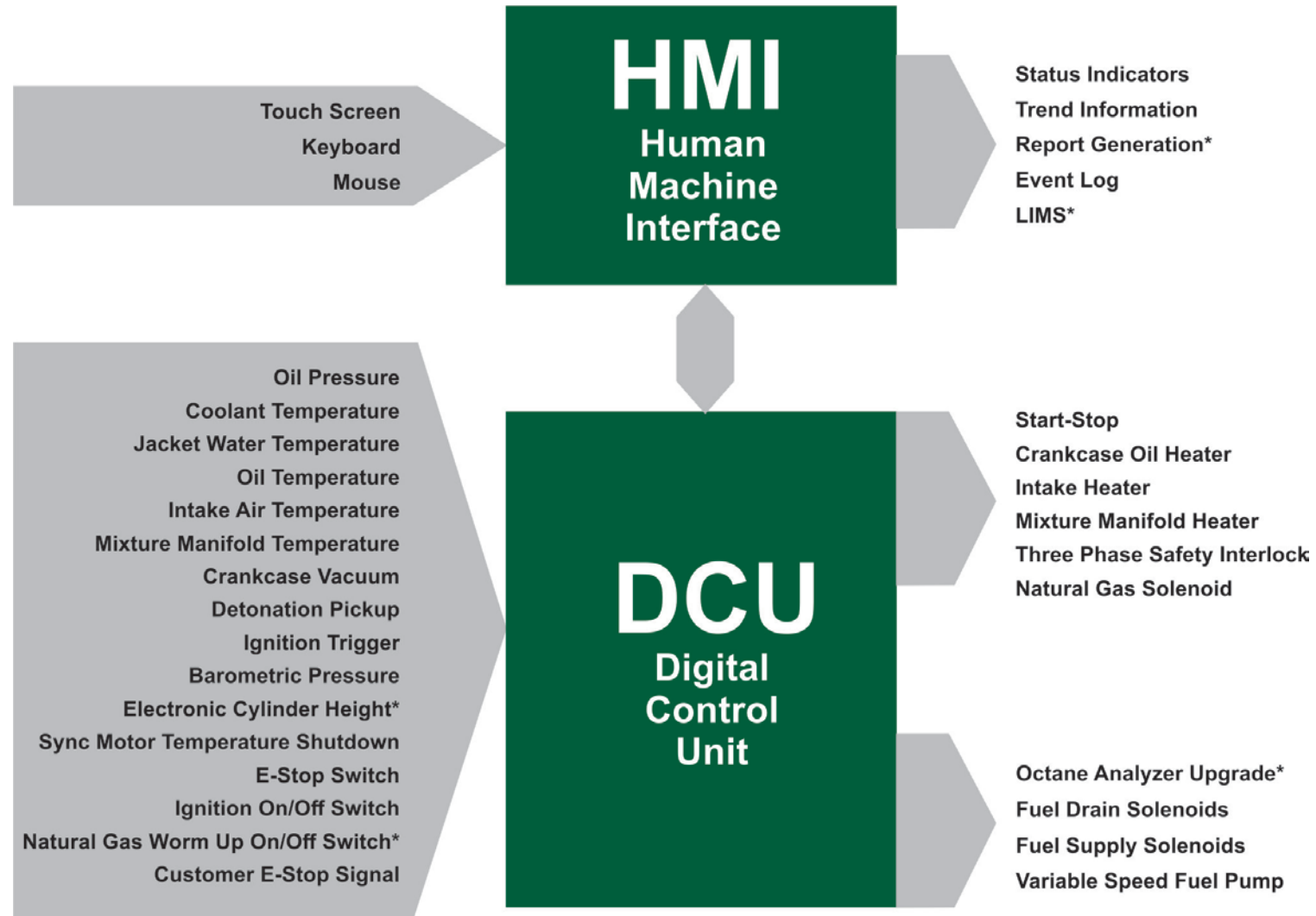
Safety

An emergency stop switch on the panel is an immediately recognizable part of its enhanced safety capabilities.

The Digital Octane Panel meets all CE Mark requirements.



System Diagram



* Indicates Options - Contact Distributor for details

Features

Easy-to-Use Panel Interface

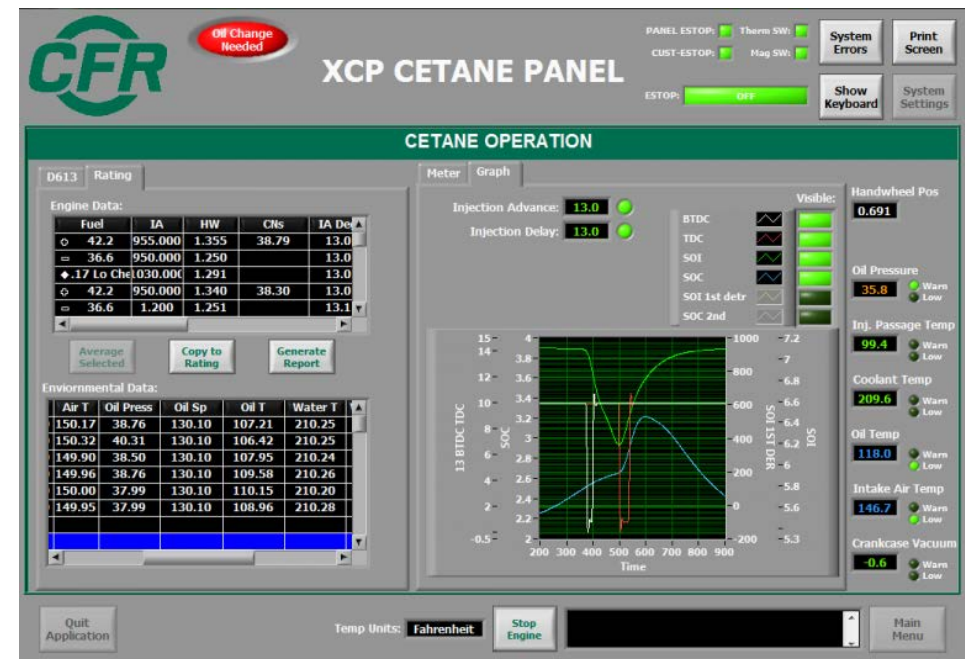
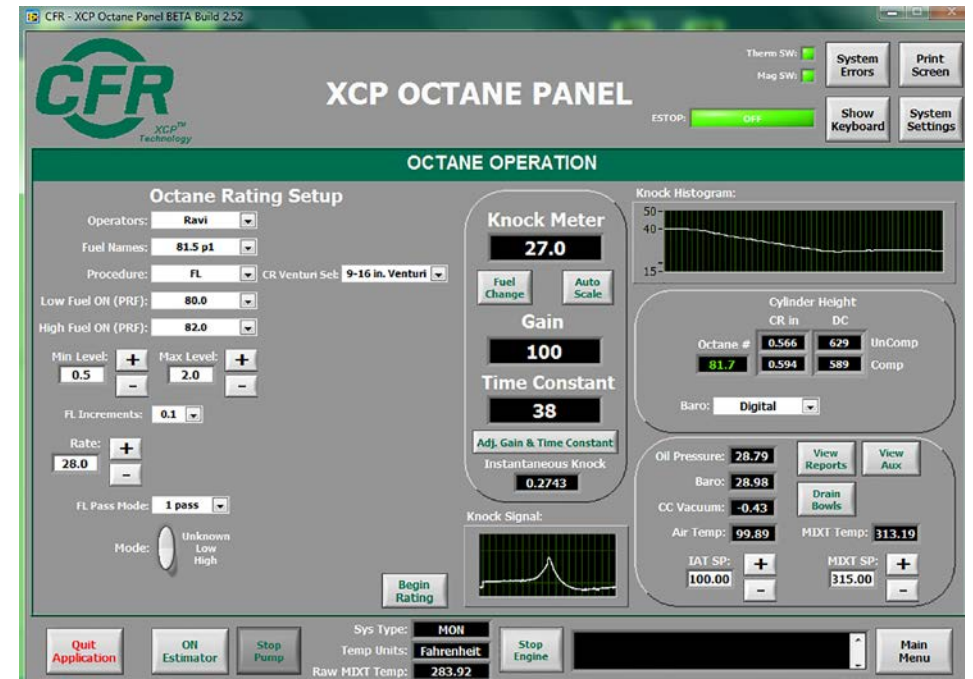
The introduction of a touch screen user interface, standard keyboard and intuitive graphic panel translates to a shorter operator proficiency learning curve. Operators can become comfortable and more confident using a CFR with a Digital Octane Panel in days, not months.

The user-friendly touch panel is immediately recognized and accepted by today's computer-savvy work force. On-screen operation & maintenance and parts manuals, on-screen reports and internet capability are standard.

The new operation screens are clear and easy to use, reducing the opportunity for errors. Built-in prompts, automated calculations, and data logging allows operators to be quickly cross-trained for improved work flow.

Automated Data Recording

Better documentation – critical information for each rating is documented automatically using bold graphics and easy-to-read charts. Fuel rating files are now automatically generated based on fuel name and date and kept on easily accessible Microsoft® Excel® files.



Features (cont.)

More Consistent Results

Intuitive software and easy adjustments have been designed in to ensure the XCP will produce consistent reliable results from operator to operator.

Report Generation

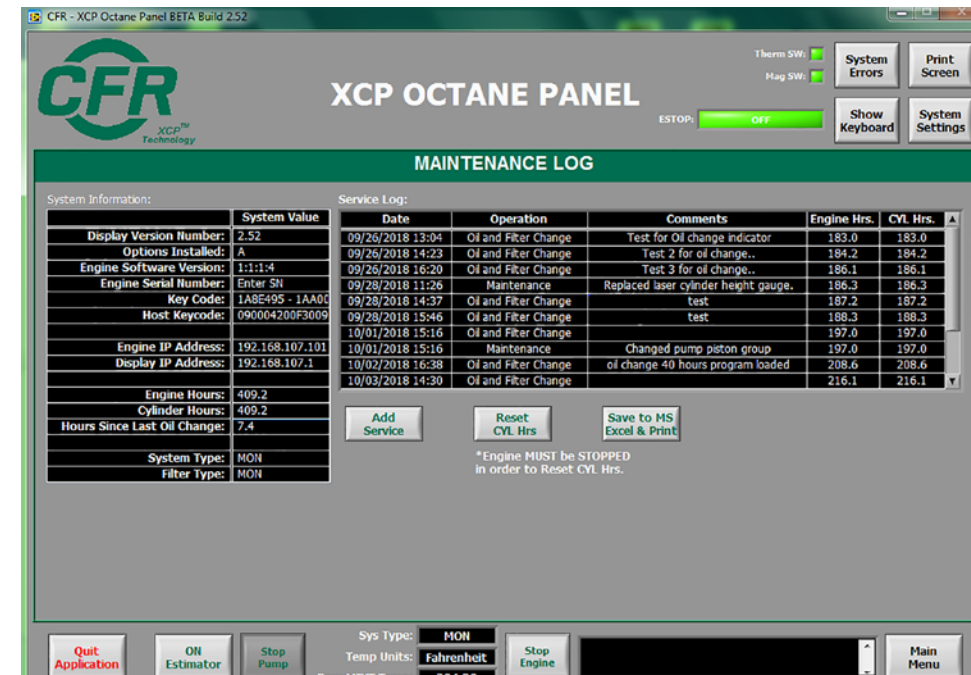
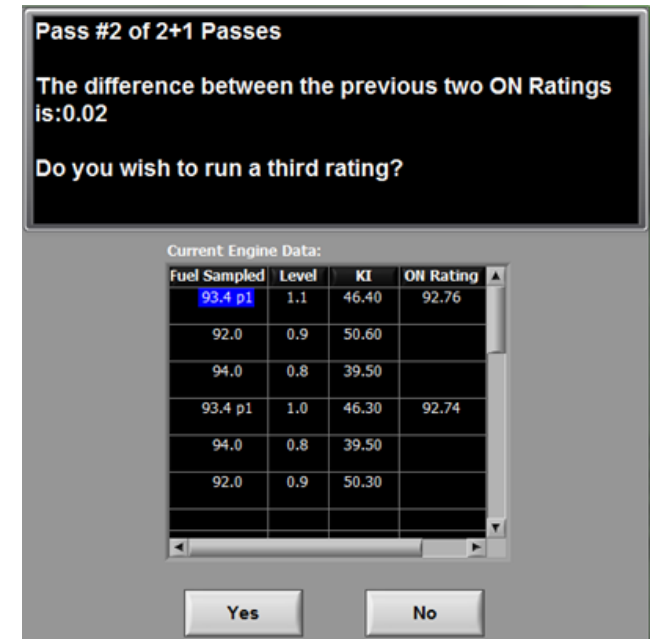
As tests are completed, the XCP produces test results with all curves, calculations, tables, date stamps and engine records – a big time saver over manually recording results!

Increased Throughput

Lab supervisors may face the dilemma of a leaner work force and the need through the use of more cross trained operators to produce more octane tests per shift. Not only can more operators be trained on the easier to use XCP unit, there is no need to constantly monitor it when running a Falling Level procedure.

Reduced Maintenance

Incorporating the use of state-of-the-art technology improves durability and reduces maintenance. In addition, a built-in maintenance log records engine hours, cylinder hours and oil change intervals.



XCP Summary

Features	Analog Control Panel	XCP Digital Octane Panel	Benefits
Control System	Discrete Controls <ul style="list-style-type: none"> • 501C • Analog Meters <ul style="list-style-type: none"> Knock Meter Pressure Gauges Mercury Thermometers Hour Meters • Temperature Controller • Mechanical Cylinder Height 	Fully Integrated Digital Controls <ul style="list-style-type: none"> • Digital Knock System • Digital Meters - On Screen <ul style="list-style-type: none"> Actual Signals, Calculated Values, Trends Transducers for Pressure RTDs for Temperature All Electronic • PIO Closed Loop Controls • Electronic Cylinder Height • Electronic Barometer • Touch Screen 	<ul style="list-style-type: none"> • User Friendly • Easy to Read • Ease of Setup • Automatic Controls • More Information • More Robust • Automatic Data Log
Data Reports	<ul style="list-style-type: none"> • Manual Activity 	<ul style="list-style-type: none"> • Automatic Data Recording • Automatic Graphical Report Generation • Supports any Microsoft® Windows® Compatible Printer • Network Connectivity • Data Transfer via Multiple Storage Media Options 	<ul style="list-style-type: none"> • Microsoft® Excel® • Preserved Data Integrity • Data Sharing • Archiving • Direct Data Access
Safety	Discrete Controls <ul style="list-style-type: none"> • E-STOP (few installed) • Condenser Temperature Switchgage • Oil Pressure Switchgage • Magnetic Switch Contact • Motor Thermo Guard Switch • Mechanical Reset 	Fully Integrated Digital Controls <ul style="list-style-type: none"> • E-STOP Digital Input • Customer E-STOP Input (Remote) • Condenser Temperature RTD • Oil Pressure Transducer • Magnetic Switch Input • Motor Thermo Guard Input • On Screen Acknowledgement • Full Three Phase Protection (Rotation, Low, Loss) 	Ease of Setup <ul style="list-style-type: none"> • Automatic Event Log • Visual Status with Alarms • Integrated Shutdown System • More Robust Protection • Increased Safety
Maintenance Log	<ul style="list-style-type: none"> • Manual Activity 	<ul style="list-style-type: none"> • Electronic Maintenance Log 	<ul style="list-style-type: none"> • Microsoft® Excel® • Easy Logging for Oil Changes, Carbon Blasting, Cylinder Installation, and Routine Maintenance • Electronic Operation, Maintenance, and Parts Manual (PDF)

Order

Upgrade kit for existing units:

p/n G-802-51: F1/F2 Octane XCP upgrade kit

p/n G-802-57: F5 Cetane XCP upgrade kit



XCP Technology is standard supply on all new unit orders.

XCP Octane Analyzer (OA) Option

Compliance

The Octane Analyzer upgrade option provides capability to test **all four procedures** of the current ASTM Methods:

D2699 – Research Octane Number
D2700 – Motor Octane Number

Advantages

- Automatically complete full 2-pass tests – setup test, fill fuel reservoirs, hit start and then wait for the report
- Allows for broader Octane Number ranges compliant with Procedure D – 72-103.5 MON and 72-108 RON
- No manual intervention – XCP™ Technology with Octane Analyzer option does all fuel switching, fuel/air adjustments, and data recording
- Reduced time for completing passes – approximately 10 minutes for single pass, 20 minutes for a full octane determination (2-pass)
- Reduced fuel consumption – approximately 100 ml for each fuel (sample and two primaries)



XCP Octane Analyzer (OA) (cont.)

Efficiency

Adding automation to your octane testing delivers the benefits of faster test results, and thus more time to manage additional responsibilities within the lab

Accuracy

Octane Analyzer reduces operator interaction with the instrument during the test procedure and provides improved consistency amongst multiple users and better repeatability on consecutive passes

Flexibility

Customize Octane testing to your operation. Easily switch between RON or MON, single pass or multiple pass, with manual procedures (EQ, CR, FL) or Octane Analyzer

Report Accountability

- Fully Integrated
- Method Compliant Results
- Consistent Format
- LIMS Connectivity
- Complete Data Collection
- Automatic Curve Generation
- Test Event Logging



XCP Octane Analyzer (OA) (cont.)

Summary

Features	Custom CFR Control Octane Analyzer	XCP Octane Analyzer Option	Benefits
Control System	<ul style="list-style-type: none"> • Independent Stand Alone Option • Microsoft DOS Operating System • Proprietary Hardware • RTD Temperature Sensors • Fixed Run Modes 	<ul style="list-style-type: none"> • Fully Integrated with XCP Digital • Off-The-Shelf Hardware • Touch Screen Access to Fuel Supply & Drain • RTD's with Industry Standard Connectors • Variable Run Modes • 100% E100 Capable without Modification 	<ul style="list-style-type: none"> • More User Friendly • Easy Installation & Setup • Robust System Configuration • More samples - Less Time • Improved Throughput • Greater Flexibility
Fuel System	<ul style="list-style-type: none"> • Fixed Speed Mechanically Driven Pump • Mechanical Fuel Delivery Control • Brass Fuel Solenoids • Ceramic & Stainless Steel Pump 	<ul style="list-style-type: none"> • Variable Speed Electronic Drive Pump • Simple Electronic Fuel Delivery System • Stainless Steel Fuel Solenoids • Ceramic & Stainless Steel Pump • Automated Fuel Purge Cycle 	<ul style="list-style-type: none"> • Lower Maintenance • Fewer Parts • Greater Fuel Compatibility • Robust Design • More Consistent Results
Data Reports	<ul style="list-style-type: none"> • Microsoft DOS Print Drives • Data Transfer via 3-1/2" Floppy Disk 	<ul style="list-style-type: none"> • Fully Integrated with XCP Report Generator 	<ul style="list-style-type: none"> • Common User Interface Flexibility
Safety	<ul style="list-style-type: none"> • Fuel Pressure Relief Valve 	<ul style="list-style-type: none"> • Integrated with XCP Feature Set • Fuel Pressure Relief Valve • Pump Cavitation Sensing and Protection 	<ul style="list-style-type: none"> • More Robust System
Maintenance Log	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Integrated with XCP 	<ul style="list-style-type: none"> • Common Storage Location

XCP Octane Analyzer (OA) (cont.)

Fully Integrated Solutions by CFR

The Octane Analyzer (OA) upgrade option by CFR builds upon the proven performance of the XCP™ control system. Like all CFR Engines Inc. products, the Octane Analyzer is designed to easily integrate with existing CFR® units and systems.

The OA option is offered in three main configurations – an add-on upgrade kit for existing XCP, included in complete XCP with OA upgrade kits, or supplied as an addition to a new CFR unit. Additionally, adding Octane Analyzer to an XCP system enables specific OA testing capabilities already built into the XCP Technology platform.

Configurations

Add-on service part:

p/n G-802-53: OA with XCP conversion kit

p/n G-802-54: OA only upgrade kit

With new unit orders:

Package E: OA with standard EACS

Package F: OA with humidified EACS





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