



Diesel Solutions







PAC analyzers are designed to measure physical properties in diesel fuel and blending streams with minimal operator intervention. The most common diesel analyses include tests for water contamination, ash content, cetane number, cloud point, cold filter plugging point, pour point, lubricity, and particulate contamination. Our diesel portfolio complies with global industry standards.



Method-Compliant Diesel Solutions

	Pour Point	Cloud Point	Cold Filter Plugging Point	Cetane Number	Flash Point	Distillation
ASTM D975		ASTM D2500 ASTM D5771 ASTM D7689 ASTM D5773	ASTM D6371	ASTM D613 ASTM D7668	ASTM D93 ASTM D3828	ASTM D86 ASTM D7345 ASTM D2887
EN 590		IP 444 EN 23016 EN 590 EN 23015	EN 116 EN 16329	EN 16715 EN 5165 IP 615	EN 2719	EN 3405
ASTM D396	ASTM D97 ASTM D5950 ASTM D5949 ASTM D7346				ASTM D93 ASTM D3828	ASTM D86 ASTM D7345
ASTM D7467		ASTM 2500 ASTM D5771 ASTM D7689 ASTM D5773	ASTM D6371	ASTM D613 ASTM D7668	ASTM D93 ASTM D3828	ASTM D86 ASTM D7345
ASTM D2880	ASTM D97 ASTM D5950 ASTM D5949 ASTM D7346				ASTM D93 ASTM D3828	ASTM D86 ASTM D7345
OTHER			SH/T 0248	GB 19147	GB/T 261	GB/T 6536
PAC INSTRUMENTS						
	OptiCPP	OptiCPP	OptiFPP	CID 510	OptiFlash Small Scale	OptiDist
						
	OptiMPP	OptiMPP			OptiFlash Pensky Martens	PMD 110
						
	CPA 70Xi PPA 70 Xi PCA 70X	CPA 70Xi PPA 70 Xi PCA 70X				
						
	DFA 70Xi	DFA 70Xi				

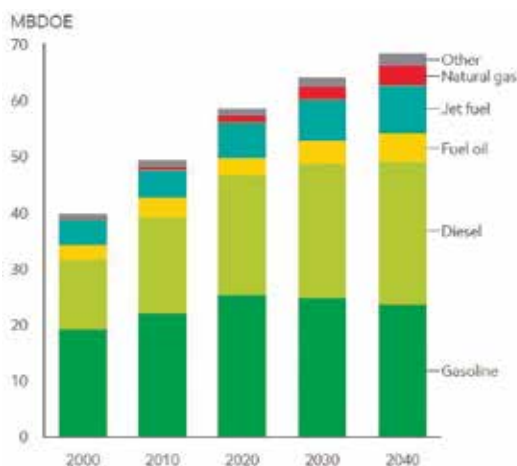
Our instruments can be customized to your specific needs. Due to continuing product development, specifications are subject to change at any time without notice.

Sulfur	Carbon Residue	Density	FAME	Red Dye	Kinematic Viscosity
ASTM D5453	ASTM D524			ASTM D6258	ASTM D445
EN 20846 EN 20847 EN 20884	EN 10370	EN 3675 EN 12185			EN 3104
ASTM D5453 ASTM D2622	ASTM D524	ASTM D1298 ASTM D4052	ASTM D7371		ASTM D445
ASTM D5453 ASTM D2622 ASTM D129 ASTM D7039	ASTM D524		ASTM D7371		ASTM D445
	ASTM D524	ASTM D1298 ASTM D4052			ASTM D445
	JIS K2270 GB/T 17144	SH/0604			GB 19147
					
ElementS	MCRT	VIDA	OptiFuel	DT 100	HVM 472



Leading fuel specifications like EURO 6 and Tier 3 have set new vehicle emission standards and lowered the sulfur content of diesel to a maximum of 10 ppm. This is a prerequisite for the use of exhaust after-treatment technologies that drastically reduce the NOx and particle matter (PM) emissions from passenger cars, light-duty trucks, medium-duty and some heavy-duty vehicles.

Sources: EPA Gasoline Standards and "A technical summary of Euro 6/VI vehicle emission standards" ICCT 2016



Diesel demand will grow 30% to meet trucking and marine needs.

Source: ExxonMobil Outlook for Energy report



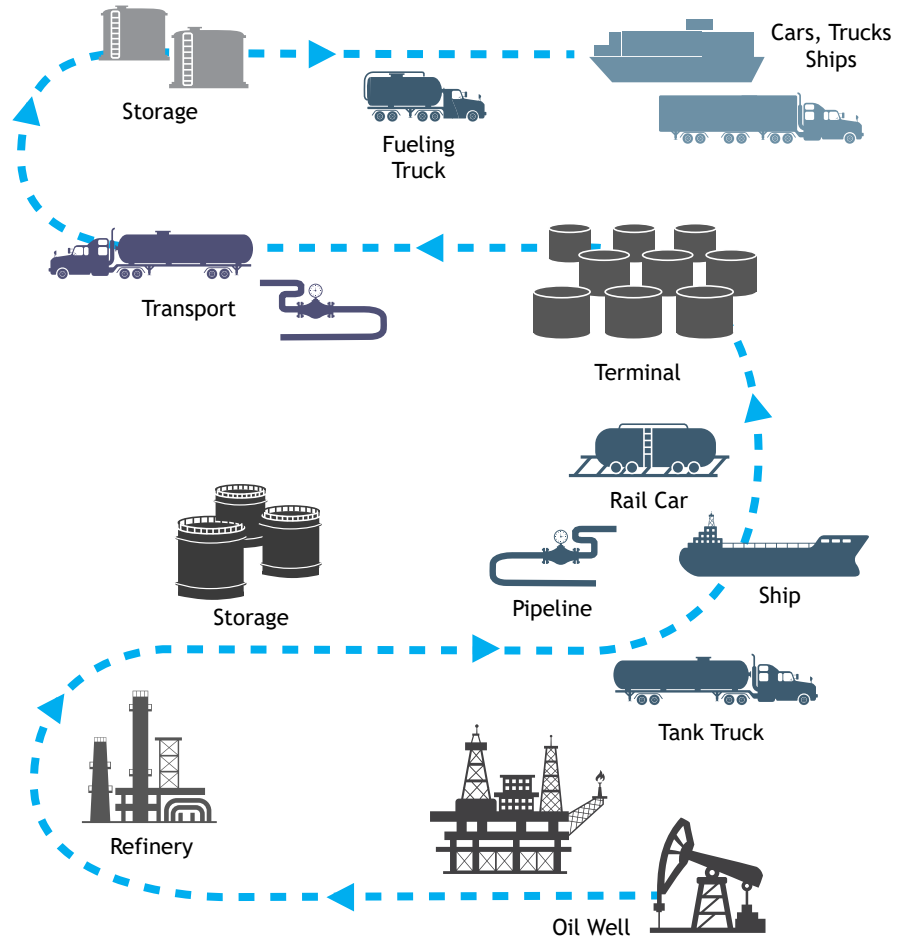
HVV 481



DFA 70Xi

Helping Stake Holders in Every Step

The quality of diesel fuels needs to be measured every time its custody is transferred during its production, storage and distribution. Fuel suppliers, refineries, storage facilities and fuel transporters need to comply with standards and specifications to ensure the highest degree of diesel fuel quality. PAC instruments help you ensure compliance every step of the way.



ABOUT PAC

PAC is a leading global manufacturer of advanced analytical instruments for laboratories in the Hydrocarbon Processing Industry. With a product portfolio of over 200 testing instruments, PAC serves its customers with innovative technologies that are easy to use, comply to regulations, have an unmatched quality with a worldwide support. PAC also complies with ISO 9001-2015 standards.

Our solutions are from industry-leading brands: AC Analytical Controls, Advanced Sensors, Alcor, Antek, Herzog, ISL, Cambridge Viscosity, PSPI, and PetroSpec. We are committed to delivering superior and local customer service worldwide with 14 office locations and a network of over 50 distributors. PAC operates as a unit of Roper Technologies, Inc., a diversified technology company and a constituent of S&P 500, Fortune 1000, and Russell 1000 indices.

AFTER SALES SUPPORT

PAC is dedicated to providing global service with local, personalized attention to customers wherever they are in the world. We offer field services for preventative maintenance, calibration, installation, as well as emergency site visits.

Our individualized instrument service programs help our customers ensure maximum quality and repeatability, while complying with standards and regulatory requirements.

PAC has Service Repair Centers located around the world. They are all ISO-9001 accredited. All our facilities have the technology and know-how necessary to inspect, repair and calibrate your equipment. All work is performed by our factory trained and certified technicians who use only approved spare parts to guarantee your instrument performance.