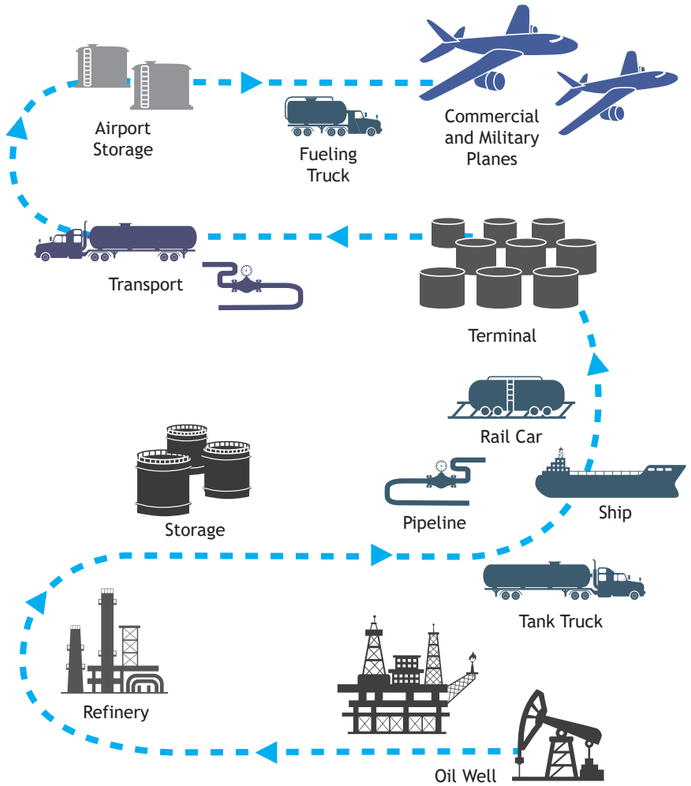
Helping Stake Holders in Every Step

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



Meet Standard Specs for:

- AVGAS
- Jet A
- Jet A1
- Jet B
- JP 4 or NATO F-40
- JP 5 or NATO F-44
- JP 8 or NATO F-34
- TS-1

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.

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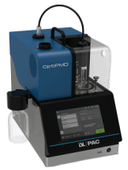
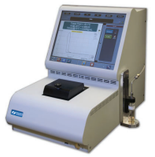
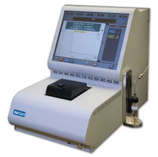
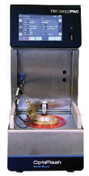
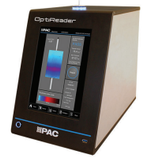
Jet Fuel Solutions - Rev2 - 10/19

PAC

Jet Fuel Solutions

Aviation traffic and demand for jet fuel is projected to grow faster than other fuel type, and the need to ensure its quality and safety is more important than ever. New types of refining processes and renewable feedstock will lead to specific property tests, such as low temperature fluidity and thermal oxidative stability, while other renewable fuels (biodiesels) in the distribution system will also require FAME in jet fuel testing. PAC has been helping the global jet fuel industry for many decades through industry expertise and turn-key, reliable analytical instruments that help refineries and contract labs gain productivity and while being in compliance with ASTM D1655 and DEF STAN 91-91.

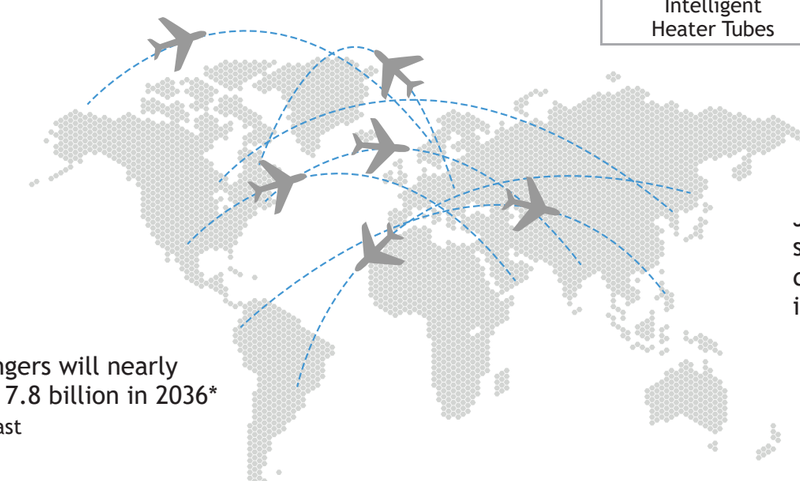
Method-Compliant Jet Fuel Analysis Solutions

	Sulfur	Distillation		Flash Point		Density	Freezing Point		Viscosity		Thermal Oxidation Stability	Existent Gum
ASTM D1655	ASTM D5453	ASTM D86	ASTM D7345	ASTM D56	ASTM D3828	ASTM D4052	ASTM D7153 ASTM D2386	ASTM D5972 ASTM D2386	ASTM D7945 ASTM D445	ASTM D445	ASTM D3241	ASTM D381
DEFSTAN 91-91		IP 123	ASTM D7345	ASTM D56	IP 170 IP 523	IP 365	IP 529 IP 16	IP 435 IP 16	IP 71	IP 71	IP 323	IP 540
OTHER		GOST 2177					ISO 3013 JIS K2276	GOST 52332 GB 6537			ISO 6249	
PAC INSTRUMENTS	 ElemeNtS	 OptiDist	 OptiPMD	 OptiFlash Tag	 OptiFlash Abel	 VIDA	 OptiFZP	 JFA-70Xi	 JFA-70Xi	 HVU 482	 JFTOT IV	 HGT 915 & 917
					 OptiFlash Small Scale			 PSA-70Xi FPA-70Xi FCA-70Xi			 OptiReader (D3241 Annex 4)	
											 Intelligent Heater Tubes	

Global Aviation Fuel Consumption Keeps Growing

As per the International Civil Aviation Organization (ICAO), 3.97 billion passengers flew on scheduled flights around the world in 2017; which represents a growth of 8.8% YoY, according to IATA.
Due to the sharp increase in economic growth and disposable incomes in emerging countries demand for air travel is expected to double in the next two decades and grow almost by 4% each year. China, the United States, India, Indonesia, and Turkey are expected to be the fastest-growing markets in terms of annual additional passengers by 2036. Asia-Pacific has emerged as one of the largest aviation fuel markets in the recent years.

There's greater importance of safety monitoring due to more polar flights and ETOPS regulations



Jet fuel demand will significantly increase due to longer inter-continental travel

Air passengers will nearly double to 7.8 billion in 2036*
*IATA Forecast