

QUALITY CONTROL PRODUCTS



Schroeder Fuel Filtration Mobile Lab

Mobile Lab by Schroeder Fuel Filtration consists of simple, cost-effective on-site fuel testing kits. Schroeder Biofuels takes the guess work out of fuel quality verification with easy-to-use test kits that measure biodiesel fuel quality and biodiesel fraction (percent biodiesel). Based upon widely recognized ASTM standards and Engine Manufacturers Association (EMA) recommendations, tests are simple enough to be performed by anyone. The results are easy to read and are available in minutes. When used on a regular basis as part of your organization's fuel quality assurance program, these tests can identify fuel-related problems before they impact your fleet.

Acid Number for B100 Biodiesel



Test for acid number in excess of 0.5mgKOH/g fuel in Biodiesel Fuel (B100)

Part Number:	BMLTK-AN.B10012
What's Included:	12 Tests

Acid Number for Biodiesel



Test for acid number in excess of 0.3mgKOH/g fuel in Diesel/ Biodiesel Blends

Part Number:	BMLTK-AN.BB12
What's Included:	12 Tests

Microbial Test



Detection kit for bacterial and fungal contamination in Diesel and Biodiesel Fuel

Part Number:	BMLTK-MIC6
What's Included:	6 Tests

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Percent Biodiesel for B20

Tests for diesel/biodiesel blends in excess of 30% (B30)

Part Number: BMLTK-B2012

What's Included: 12 Tests



Percent Biodiesel for B5

Tests for diesel/biodiesel blends in excess of 10% (B10)

Part Number: BMLTK-B512

What's Included: 12 Tests



Total Glycerin

Tests for presence of glycerin in B100 and Biodiesel/Diesel Blends

Part Number: BMLTK-TG6

What's Included: 6 Tests



Water & Visual Appearance

Visual clarity and water detection for Diesel/Biodiesel fuel

Part Number: BMLTK-H20VC12

What's Included: 12 Tests

Test Kits

A Patch Test Kit is an essential item to include in quality control for biodiesel production. Irrespective of the purification method employed, these kits will alert you to possible shortcomings in your production and purification processes.

Biodiesel production is a game of infinite variables, and so is biodiesel purification. A small upstream problem, if undetected, could have disastrous consequences downstream. By analyzing fluid samples at various stages of the production and purification process, producers can now understand the constituent composition of all contaminants still present in the fuel.

Once the contaminants have been identified, it is then that the source of the contaminant can be found and remedied. Contaminants could include soap, remaining production residues and possibly purification media (if incorrect filtration processes have been used). The kit enables instant visual analysis through an optical microscope of the major types of fuel contaminants.

Biodiesel Mobile Lab Patch Test Kit



Part Code:	Description
EPK-K:	Biodiesel Mobile Lab - Patch Test Kit

TCM



TestMate® Contamination Monitor

Don't let the size of Schroeder's TestMate® Contamination Monitor (TCM) fool you! It is among the newest generation of particle monitors that continuously measure solid contamination in fluid. Enclosed in a 4 inch diameter case, the TCM utilizes an optical sensor and measures particles in four sizes: >4, >6, >14 and >21 microns.

*Please see the Filter Systems Catalog for drawings and complete sizing information.

Test Kits



TestMate® Water Sensor

The TWS-C-E is a water and temperature sensor for the continuous monitoring of ester-based fuels (like biodiesel) accurately, continuously and online. It measures the water content relative to the saturation concentration (saturation point) and outputs the degree of saturation (saturation level) in the range of 0 to 100% as a 4-20 mA signal. A reading of 0% would indicate the absence of water, while a reading of 100% would indicate that a fluid is saturated with water.

This connector is required to interface with the TWS.

Part Number:	VDP-177
What's Included:	(5 pole) with 5m cable

Electrical
Connection
TWS
Accessory

Quality Control Accessories



Immediate pH testing is available in brilliant, long lasting colors. These direct-reading pH papers give a simple, single color match for all pH values in distinct, bright color separations. 100 dip sticks are packaged in a clear plastic case with a color chart.

Part Number:	BML-PH
What's Included:	100 dip sticks, pH 1-14

PH Test
Strips



Ensuring adequate quality base feed stock is the key to successful biodiesel production. To determine the percentage of FFA's in your feedstock, simply dip the test strip into your oil and submerge for 2 seconds. Remove the strip and count the number of bands without any blue color.

Part Number:	BML-FFA
What's Included:	Box of 40 FFA percentage level indicator strips (>2% to >7%)

FFA Test
Strips