

## Biodiesel Research: Bioenergy Testing and Analysis Laboratory

Illustrated here are steps taken in our biodiesel research at the Bioenergy Testing and Analysis Laboratory.



Extract the oil



Refine the oil



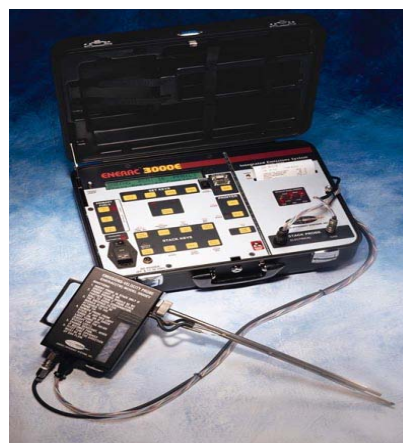
Make biodiesel



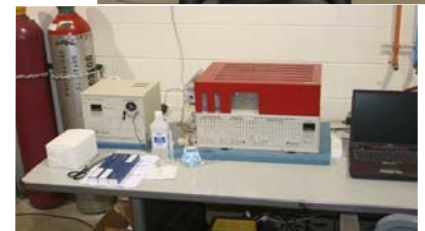
Perform complete ASTM D 6751-07 standards



Testing the biodiesel in engines



Measuring engine exhaust emissions



Gases	ppm or (%)
CO	500-2000
NO	300-1000
NO2	0-500
SO2	500-2000
HC	0-2000
CO2	0-20%

For more information, contact

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Feestocks that have been tested are cottonseed, soybean, canola, safflower, peanut, sunflower, and algae.