

Biodiesel Photometer

DP 800

A measuring device for process optimisation in biodiesel production

The biodiesel photometer enables the rapid on-site measurement of triglycerides and glycerol and thus contributes to the control, optimisation, and quality assurance of the biodiesel production process. By means of a simple photometric measurement, these parameters can be determined within a few minutes and without time-consuming sample preparation.

The Mobile Biodiesel Laboratory enables:

- Detection of the degree of transesterification on-site and within 2 minutes
- Process optimisation through prompt recording of reaction progress
- Recognition of the end of the transesterification process:
triglycerides < 0.2 Ma %
- Quality control regarding the triglyceride content directly from biodiesel and without sample preparation

The portable device with the option of power supply or battery operation, together with the accessories required for measurement, is housed in a handy carry case.

Biodiesel Photometer DP 800

Size/Weight: 19×10×5cm/0.4kg
Wavelength: 520 nm
Mains or battery (9V) – operated
Photometric inaccuracy:
< 0.5% at A = 1.000

Equipment case DK 002

Size/Weight: 45×36×14cm/1.6kg

For information, downloads and tutorials see www.diaglobal.de

Diaglobal GmbH, Köpenicker Str. 325, 12555 Berlin, +49 30 6576 2597, info@diaglobal.de