LASER SPECTROFLUORIMETER SYSTEM

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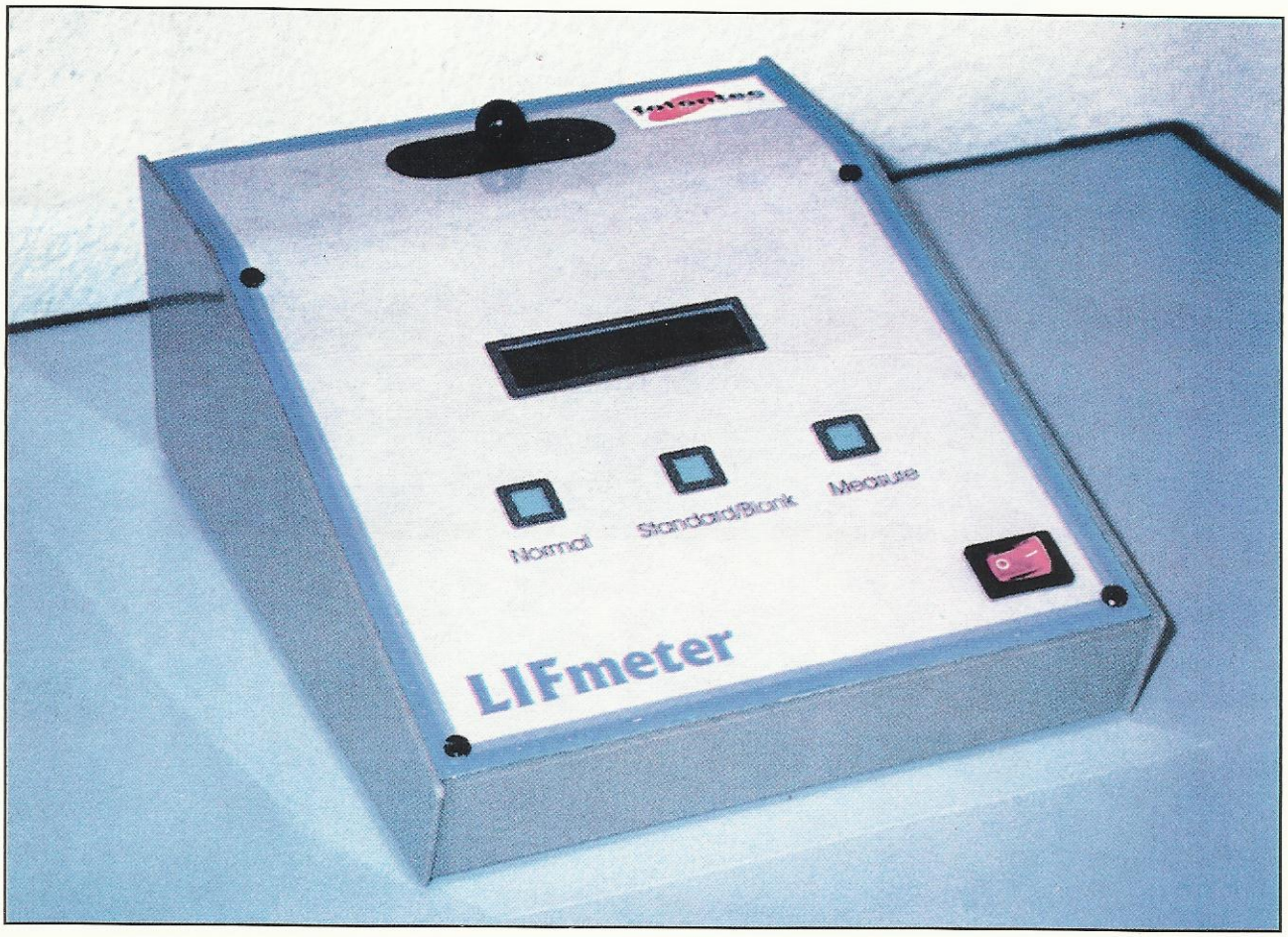
The *Laser Induced Fluorescence Spectrofluorimeter (LIFmeter) is designed to detect chlorophyll content in both crude and refined vegetable oils. It exhibits a very high sensitivity compared to the conventional spectrophotometer method.

Operation is as simple as filling a cuvette with the test sample, inserting it into the cuvette chamber and pressing the measure button.



** Application for Utility Innovation pending (Malaysia)*

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FEATURES

- Simple drop in measurement
- Compact and portable
- Minimum detection level of 10µg/kg
- High throughput, less then 5 seconds per measurement
- Menu guided operation
- Ultra high linearity throughout measurement range achieved through the use of proprietary modified dual slope measurement technique

SPECIFICATIONS

Light Source	5mW diode laser
Detector	Photo Diode
Detection Limit	10µg/kg of chlorophyll
Display	LCD
Measurement Time	<5 seconds
Dimensions (WxLxH)	220mm x170mm x80mm
Power Supply	120/230 V
Weight	1kg

Specifications and design are subject to change without notice

For more information kindly contact:

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