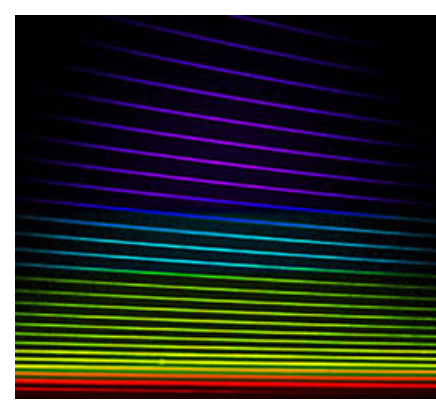




Automation of processes  
High throughput analysis for  
microvolume samples



# Microplate Reader



## Microplate Reader

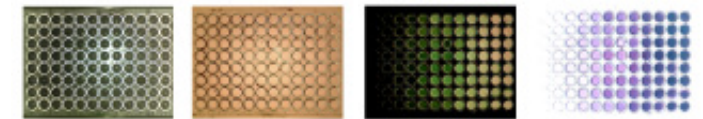
### 3 Automated analysis for microvolume samples

Microptik presents a new system for analysis of low volume samples. The Microplate Reader incorporates 3 different automated analysis routines: Color measurement, UV/VIS spectroscopy for microplate wells and nanodroplet analysis, all in one powerful machine.

This is the most complete analyzer in the market, ideal for research purposes in plastic industry, medical, biological, etc.

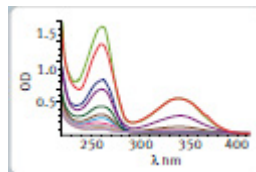
#### Color measurements:

- 1 click for full analysis of microplate
- Adjustable calibration & correlation methods
- Multiple options of analysis and regression of data
- Optical density measurements



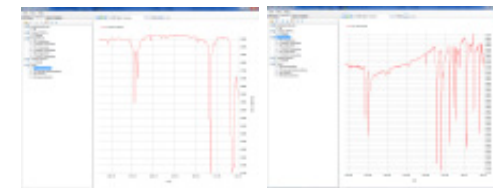
#### Microplate cells spectroscopy:

- Simultaneous 8 samples analysis
- Extra fast scan of the 96 cells
- Customizable light sources and fiber optics
- Software for spectrum analysis



#### Nanodroplet measurements:

- (Nano) drop multicuvette spectrum analysis
- Simultaneous scan of the drop plate

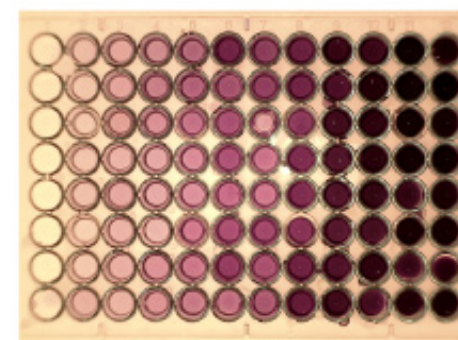
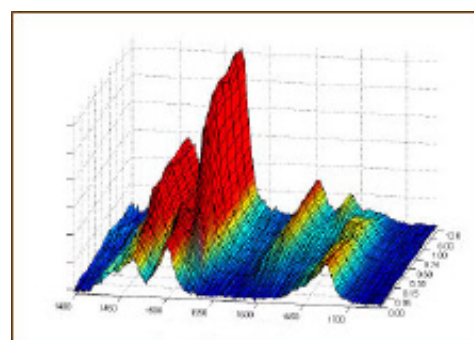
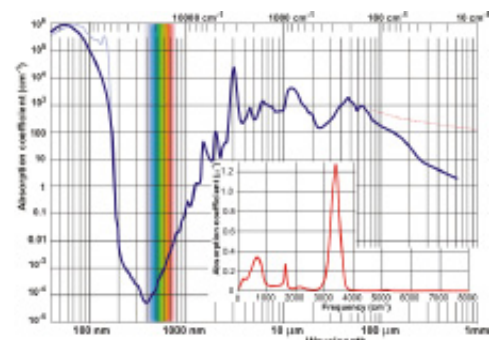
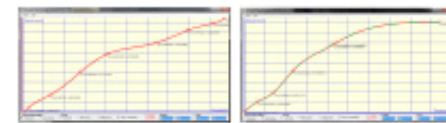


Fully automated, fast and reliable data of any kind of sample.

Complete solutions for research and industrial applications in plastics, biochemistry analysis, medical industry...



Software developed by Microptik allows total control of the hardware, motors, light sources, etc. and user friendly operation mode for user to export and treat data. Calibration of color measurement and adjustment are easily setup for interpolation (linear adjustment, polynomial, point to point, segmental, parameter fit...). Also in the software we introduced software for data acquisition from spectrum and comparison with database for recognition.



Customized systems. High-throughput analysis

Vision in Technology

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