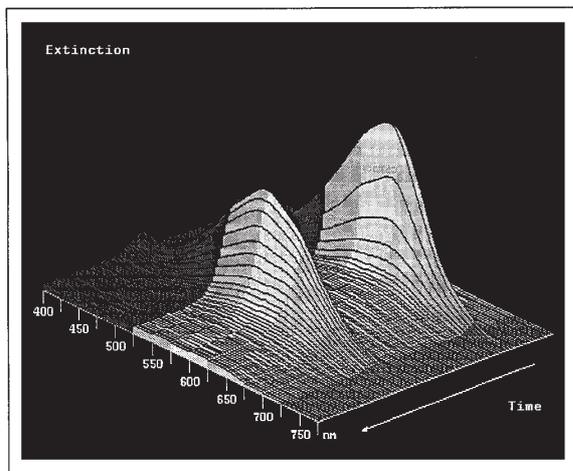


**PHYWE**

Wieland Schäfer  
Jürgen Klunker

# HANDBOOK

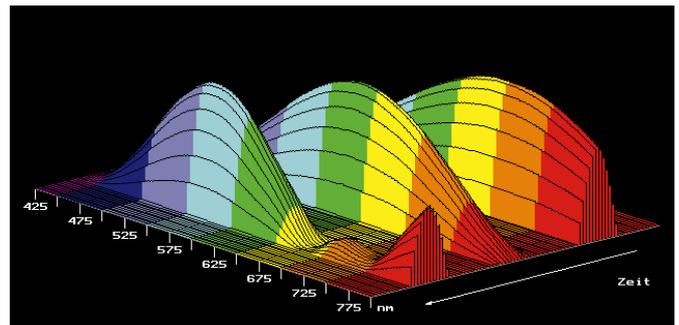
## Diode array spectrometer



### Diode array spectrometer

- The most modern technology for teaching
- Open system for didactic purposes
- One spectrum per second
- Can be set up on any optical bench
- Data output
- Powerful software
- Measurement of absorption and transmission
- 2D and 3D representation of time dependence of the spectra

This HANDBOOK can be purchased separately. It contains the experiments listed below. Please ask for a complete equipment list. Ref No 22705



Handbook • Diode array spectrometer • No 01197.02 • 5 described Experiments

**DAS 1 (12187)**  
Spectra of Food Colourings

**DAS 2 (12188)**  
Lambert-Beer's Law

**DAS 3 (12189)**  
Multicomponent Analysis  
(Mixed colour photometry)

**DAS 4 (12190)**  
Reaction Kinetics –  
Order of the reaction when  
decolorizing crystal violet

**DAS 5 (12191)**  
Diode Array Spectrometer  
as detector for column  
chromatography methods  
(Demonstration experiment  
for HPLC)

