

FLASHScan®

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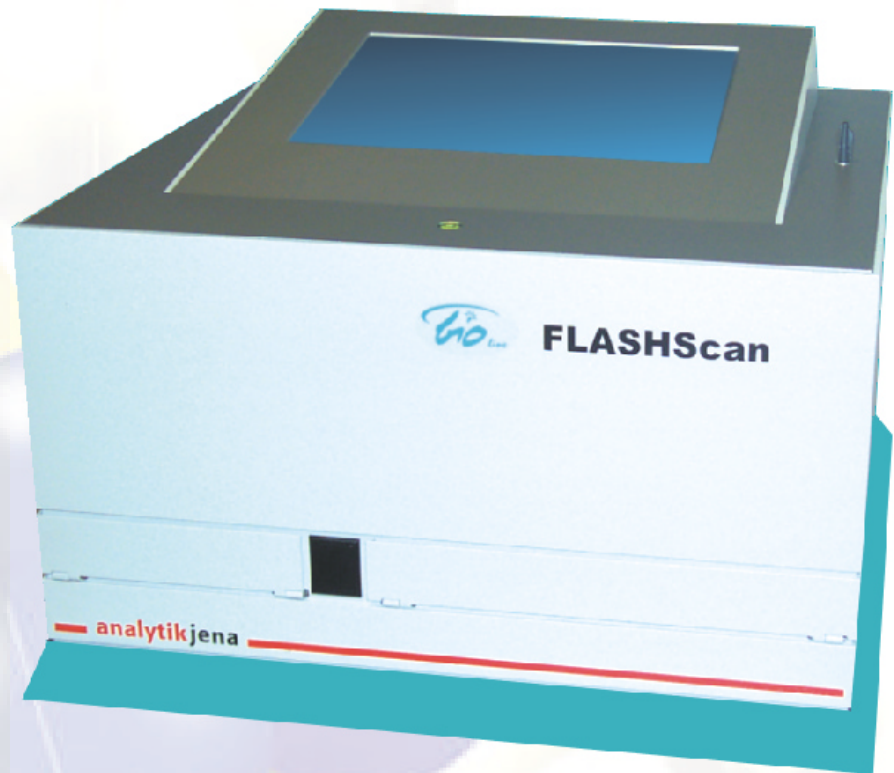
The photo spectrometer/
plate reader
without compromises

High Performance- high Throughput

FLASHScan® is a photo spectrometer for 96 (384 optional) micro titer plates.

FLASHScan® is designed for high throughput applications accomplished by short reading times

FLASHScan® is the perfect solution for a variety of applications such as research, environmental industry, food industry, pharmaceutical industry, quality assurance, biochemistry, micro biology and traditional diagnostics applications (ELISA, toxicological studies ect.).



Versatile applications:

- Pharmaceutical Industry
- Environmental Analytic
- Biochemistry
- Cell - Molecular Biology
- Food Industry
- Traditional Medical Diagnostics Applications

Technical Specifications

■ Measurement Principals:

- Absorbance Reading with an integration time of 0.1 s to 10 s. The OD Reading range is OD 0.000 to OD 4.000

■ Reading Time:

- 11 sec. (with 96 wells plate and 12 channel configuration)

■ Micro plate types:

- 96 wells
- 384 wells

■ Spectral Specifications:

- Monochromator with the spectral range of 340 nm to 1000 nm, (VIS model), or 230 nm to 1000 nm (UV VIS model), selectable in 1 nm steps, bandwidth 5 nm, accuracy +/- 0.5

■ Detection System:

- 12 times photodiode array depending on the instrument configuration

■ Light Source:

- Halogen Lamp (VIS model)
- Xenon lamp (UV VIS model)

■ Hardware configuration:

- On board CPU with Windows operating system
- TFT-Display with a integrated touch screen for user friendly operation
- Connection for external monitor and keyboard
- Serial interface for external workstation connection (option)
- Integrated Ethernet network card
- Printer port
- 3.5"-Disk Drive

■ Shaker:

- Integrated orbital and linear shaker with different velocities

■ Software:

- Based on Windows NT operating system-data acquisition, evaluation, storage and presentation
- The software is "Online Help" supported

■ Dimensions:

- Length - 400 mm
- Width - 400 mm
- Height - 285 mm

■ Incubation (optional):

- Incubator with a temperatur range of +5°C to +45°C

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Subject to change.

