

Tecan PowerScanner™

Fluorescence laser scanner for measurements of microarrays on microscope slides in the life sciences.

The integrated magazine offers a very high throughput in automated batch processing of for instance DNA-samples.

Modules:

- Magazine for microscope slides
- Transport mechanism for magazine
- Part of the housing incl. mechanism for the movement of the flap (shape of the movement is adapted to the design and the shape of the housing)

Tasks and responsibilities:

- Concept development of the above modules
- Mechanical design of the above modules



Fig. 1: Tecan PowerScanner
Photo courtesy of Tecan Group Ltd.



Fig. 2: Tecan PowerScanner: instrument flap opened. Linear movement of the flap is adapted exactly to the shape of the housing.
Photo courtesy of Tecan Group Ltd.