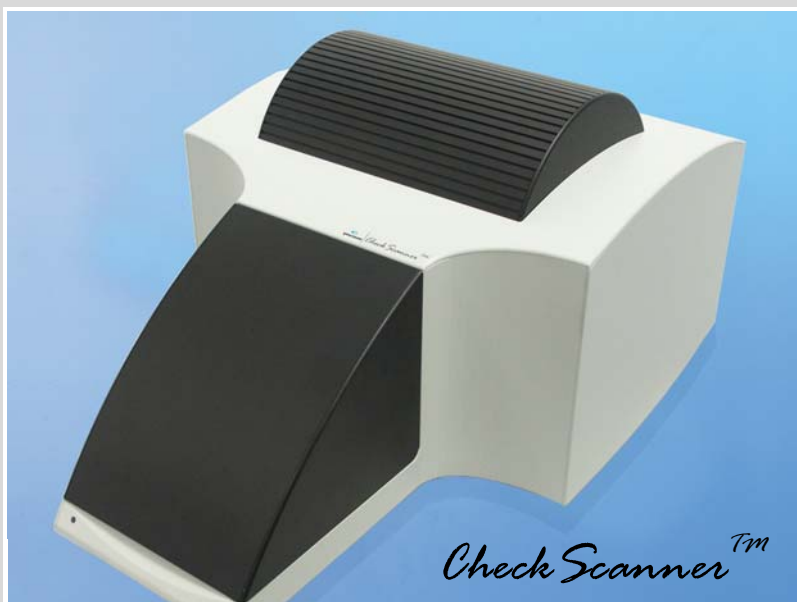


CheckScanner™

The affordable HTA™Slide or HTA™Plate microarray scanner for “oCheck”-biochips

The CheckScanner™ has been optimized for the analysis of Greiner Bio-Ones ready to use “oCheck” MicroArrays. The instrument comes in two versions, either for analysing 4 HTA™ standard microscope slides at once or for scanning one HTA™Plate comprising 96 wells.



Features

- Automatic analysis of 4 HTA™Slides or 1 HTA™Plate
- Automated data analysis including total traceability by the CheckReport™ software
- Two laser scanner with excitation wavelength of 532 nm (Cy3) and 635 nm (Cy5)
- Motorized focus adjustment
- Automatic barcode reading
- Pixel Resolution: 4 to 100µm adjustable
- Sensitivity: < 0.1 fluorescent molecules/µm²
- 16-bit dynamic range, linear over 4 decades

| Specifications | Slide Instrument | Microplate Instrument |
|------------------------------|---|--|
| Sample Size/Capacity | Up to 4 HTA™Slides per run | 1 HTA™Plate per run |
| Laser Excitation Wavelengths | 532nm and 635nm (solid-state lasers) | |
| Emission Filter Wavelengths | 570 nm and 670 nm (Cy3 and Cy5) | |
| Sample/Substrate Dimension | HTA™Slides of oCheck-series (up to 4 slides simultaneously) | HTA™Plate of oCheck-series (up to 4 strips simultaneously) |
| Sample Loading | Force-free loading of slides | Force-free loading of plates |
| Scanning Field | Defined array areas on HTA™Slides | Defined array areas on HTA™Plates |
| Image File Format | TIFF including barcode and scan settings information | |
| Barcode Identification | Barcode reading on HTA™Slides or HTA™Plate strips | |
| PC Connection | USB interface | |
| Electrical Requirements | Autoselecting from 100-240V | |
| Dimensions (W x H x D) | 383 x 304 x 595 mm | |
| Weight | appr. 16 kg | |
| PC-Control Software | Easy-to-use graphical user interface with “One-Button-Start” function. Fully integrated communication with CheckReport™software for automated data analysis including total traceability based on chip barcode. | |

Revision: January, 2005 – 074 036

www.gbo.com/bioscience

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