

scanning

archiving

capturing

copying

microfilming

# ScannTECH 302i/402i/602i

## High-performance scanner A2

The special book and flatbed scanner for digitalising in colour, black-and-white and grey scale.

ScannTECH 302i/402i/602i - versatile high-performance scanner with numerous application possibilities, e.g.

- historic books
- newspapers
- magazines
- old hand-written manuscripts
- documents with a seal
- maps
- drawings
- bound documents
- and many other masters

ScannTECH 302i/402i/602i convinces through its combination of speed, use at daylight, simple operation concept and the versatile ways of application.

**Ergonomics: System for non-glaring use at daylight.**

The scanning system works at normal daylight and without any heat load. Your staff will be happy and with the absolutely non-glaring working as well.

**Careful treatment of masters during scanning process.**

The motor-driven book cradle makes contact pressure with a certain dose rate against the glass plate. Another asset is the book holder that must not be opened for more than 100° to avoid

damaging the book spine. The low light load is careful for the masters in the highest possible way.

**Convincing scanning speed.**

We prefer talking about the scanning cycle which we define as follows: Straight scanning time plus easy and user-friendly change of the masters, plus data transfer. With our systems the data transfer and operating run parallel.

We are gladly prepared to inform you in detail about the scanning times and scanning cycles respectively of the ScannTECH 402i. For that there is to start from individual requirements.

The pure scanning time *and* the data transfer are crucial for the time of a scanning cycle. The times for the data transfer directly depend on the resolution (600, 400, 300 or 200 dpi), the data format (TIFFRAW, JPEG etc.) and the way of scanning (colour, grey scale or black-and-white).

**Variants of scanning.**

You can scan with or without the glass plate. With the glass plate in an impressive quality across the entire width and length of the master, without the glass plate at a depth of focus in the image plane of up to 5 cm.

**Software.**

A component of the scanning system is ScannTECH-sw4. That is the scanning software for the practice in its basic version which can be extended at a later time.

| Technical data                                    | ScannTECH 302i/402i/602i   |
|---|--|
| Optical resolution                                | Standard 400 dpi (402i)<br>optionally 600 dpi (602i) or 300 dpi (302i)   |
| Active Scanning size                              | 60 cm x 42 cm  |
| Software  | EasyScan or PROView with powerful image processing tools;<br>optionally: calibrating and colour management, copying, word<br>recognition |
| Scanning accuracy                                 | 0,1 % plus a digital rounding error +/-1 pixel   |
| Exposure and optics                               | Low-UV and colour-matched daylight fluorescent tube<br>apochromatic lenses   |
| Colour and image processing                       | Gamma, brightness and contrast (for each colour channel);<br>white point and black point   |
| Functions   | Automatic or manual black-treshold correction<br>automatic whitebalance<br>Autofocus   |
| Page splitting                                    | Automatically, with or without overlap   |
| Depth of colour                                   | 36 bit internal / 24 bit external  |
| Depth of focus                                    | 5 cm   |
| Foot switch                                       | For operating the book cradle and releasing the scanning   |
| Lowering the book                                 | Automatically or manually  |
| Thickness/weight of master                        | 15 cm/6 kg   |
| Output modes                                      | 24-bit-RGB-colours<br>8-bit-grey scale<br>Bitone and bitone photo  |
| Interface   | TCP-IP   |
| Data output                                       | All standard image formats   |
| CCD-cameras                                       | 2 cameras with 7,300 pixels each colour: ScannTECH 402i and 602i<br>or 1 camera with 7,300 pixels each colour: ScannTECH 302i            |
| Dimensions (L x W x H)                            | 88 cm x 88 cm x 69 cm  |
| Surrounding conditions and<br>current consumption | 5~30° C, 15~85 % relative humidity, non-condensing<br>200~250 VAC (automatical recognition), 47~63 Hz, 250 VA                            |
| Minimum PC-requirements                           | Working memory 1,024 MB<br>Gbit-Ethernet connection<br>Up-to-date Intel/AMD-CPU<br>Windows 2000, Windows XP                              |

\*Technische Änderungen vorbehalten.



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