**InoTec**

# SCAMAX® 3x1

## The Middleweight Champion



The Middleweight Champion
SCAMAX® 3x1

InoTec

**DOCUMENT MANAGER AWARDS 2023**
**WINNER**

**Imaging Product of the Year**
**Workgroup/Departmental**

Production Scanners Made in Germany

**InoTec**

# Genuine production scanning for the mid-volume segment

## Our smallest scanner not only dominates its class, it completely redefines it.

No more compromises! The SCAMAX® 3x1 brings true production scanning to the mid-volume segment and sets completely new standards. As the "little sibling" of the throughput sensation SCAMAX® 6x1, it combines the 24/7 operation capability and numerous premium functionalities of the world's leading desktop production scanner into an even more compact device with favorable conditions. This allows your institution to handle even comparatively small daily volumes with the quality and reliability of a high-end production scanner, without using a sledgehammer to crack a nut. Optimized in terms of price and performance for daily throughputs ranging from three-digit to five-digit figures, the SCAMAX® 3x1 is the highest quality and most cost-effective choice whenever excellent results, intuitive usability and long product life are the key selection criteria.

Call it the "middleweight champ", the new standard in the mid-volume class or a class of its own... We call it an InoTec production scanner. Made in Germany.

Arrange for a trial period today. We're looking forward to your call.

## Performance Upgrade

More work on the desk?
More power in the scanner!

**SCAMAX® 321 | 120 sheets/min.**

**SCAMAX® 311 | 100 sheets/min.**

All the scanners of the SCAMAX® Series can be upgraded at any time on site at your premises. Thus you simply respond to increasing scanning volumes or sorting requirements with increasing performance – while enjoying the greatest possible investment security. Another smart idea from InoTec for even more economic and ecological sustainability.

## Scanner Performance

| Specification for Bitonal/Color 200/300 dpi | SCAMAX® 311 | SCAMAX® 321 |
|---|---|---|
| SIMPLEX A4 landscape | 100 sheets/min. 100 pages/min. | 120 sheets/min. 120 pages/min. |
| DUPLEX A4 landscape | 100 sheets/min. 200 pages/min. | 120 sheets/min. 240 pages/min. |

The scanning speed is dependent on various factors such as paper size and texture, PC configuration and the scan application

## High throughput... is not everything.

High throughput may be the most striking feature of a production scanner. In the mid-volume segment, however, it is other features and success factors that allow users to scan with ease and productivity: the highest scan quality; availability and user-friendliness; and smart features and functionalities rule user needs in this space. In other words, state-of-the-art digitization does not always require the highest throughputs but always genuine production scanners.

## InoTec Organisationssysteme

At InoTec we optimize the business processes of our customers around the world with our highly trustworthy production scanners and excellent service. We have been doing this for more than 30 years. And we are still as keen on it as on the first day. Technical precision, long service life and sustainability as well as product and service quality Made in Germany are our commitment to our customers. And the demand we place on ourselves. We allow ourselves to be measured by this. With every single system.

ISO 14001:2015 certified

ISO 9001:2015 certified

## Perfect Document TECHNOLOGY

### Perfect Document Technology

for complete image processing on board: among other things, gamma correction, bicubic deskew, cropping and dynamic binarization for perfect bitonal images. In addition, Perfect Document Technology offers functions like multistreaming (simultaneous output of color, grayscale and bitonal images), automatic blank page detection, content based rotation, automatic color detection, patch-code controlled color changeover and much more.



VOI CERT

DM DOCUMENT MANAGER AWARDS 2023 WINNER

## Top Features

**Document sorting at full scan speed**
by event control: e.g. by patch-code, counter, document length, barcodes (1D & 2D) etc. Up to five sorting pockets (optional) in combination with SCAMAX® Sorter.

**Belt transport system, gentle to paper**
for safe transportation even of difficult documents: wear-free, maintenance-free, cleaning-free.

**FADGI*** & ISO 19264-1, Level B**
Proven scan quality according to the digitization guidelines for archiving of technical documentations, cultural heritage materials and many other documents.

**Readily accessible transport path**
for easy cleaning and fast removal of jammed documents.

**Speed selection**
for touch-screen controlled adjustment of the scan speed, even during the processing of the scan project (for the model 321). A specific scan speed can be assigned by the scanner settings to every scan project.

**NoSCRATCH glass guide**
for guaranteed scratch resistance to paper clips and staples (with a three-year NoSCRATCH warranty on glass guides).

**Traffic light logic**
for fast, intuitive handling.

**Variable input pressure**
for optimized document input depending on document quality and size.

**SlowDown Modus (optional)**
for scanning with reduced scan speed for critical document types.

**Transport width and scan width up to 317.5 mm**
for processing tabs and separating pages.

**Large 7" MultiTouch Communication Panel**
for maximum user friendliness and intuitive operation. With easily understandable pictograms, traffic light logic and clear full text messages.

**Straight paper throughput**
by means of rear document output with active switch (admission height 2 mm).

### Product videos
Scan the QR code to experience the product features in live operation.

Production Scanners Made in Germany

# Scanner Specifications

### ▪▪▪ General Technical Specification

| | |
|---|---|
| Scanning Method | CCD line camera |
| Illumination | LED Illumination (diffuse) |
| Optical Resolution | 600 dpi |
| Output Resolutions | 75, 100, 150, 200, 240, 300, 400, 600 dpi dual or multi resolution possible |
| Output Compressions | CCITT Group IV, JPEG, PDF/R (Raster), TIFF or uncompressed |
| Color Image | 24 Bit, 16.8 million colors (True Color) |
| Gray Image | 8 Bit, 256 gray levels |
| Bitonal Image | 1 Bit color depth, bitonal |
| Daily Volume | Unlimited |
| Throughput [4] (by A4 landscape, 200 and 300 dpi, bitonal and color) | 100 sheets/min (model 311), 120 sheets/min (model 321) |
| Warranty | 12 month |
| NoSCRATCH-Warranty | 36 month on glass guide |
| Digitization Guidelines | FADGI: ***, ISO 19264-1: Level B |

### ▪▪▪ Image Processing / PDT (Perfect Document Technology)

| | |
|---|---|
| Image Orientation | Bicubic skewness correction with black border removal and text-oriented alignment |
| Gamma Correction | 3-level correction (color, black, white) |
| Color Dropout | Up to three color areas definable |
| Binarization Method | Dynamic with pixel filters and result preview |
| Stream Control | Based on Automatic Color Detection and/or Event Control (e.g. Patch Code, 1D & 2D Barcode) |
| Blank Page Detection | Content-based dynamic procedure with two definable impact areas |
| ICC profiles | embedding of ICC profiles or conversion to different target color spaces (e.g. sRGB, Adobe RGB1998, eciRGB) |

### ▪▪▪ Paper Processing / Handling

| | |
|---|---|
| Paper Input | Automatically for batch or single sheet input, adjustable paper guide (also asymmetric), integrated support for long documents |
| Max. Stack Height | 50 mm (approx. 500 sheets) |
| Document Width | 56 mm to 317,5 mm |
| Document Length | 60 mm to 1950 mm [1] and [4] Automatic LongDoc mode: extension of the maximum scan length to approx. 15.5 m by internal splitting of the image processing, depending on the selected resolution and chosen paper format |
| Paper Formats | • ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7 • US formats: Ledger, Legal, Letter, Executive, Invoice • User defined format |
| Maximum Admission Height [2] | 2 mm (by straight Paper Path) |

| | |
|---|---|
| Paper Weight [3] | 30 g/m² to 300 g/m² |
| Input Control | Mechanical paper separation, Double Feed Detection via five, separately definable, ultrasonic sensors and automatic staple/metal recognition |
| Flow Control | Paper Flow Control (PFC) with optional length control |
| Scan Areas | Dust-protected with NoSCRATCH Glass Guide, variable height (three levels) |
| Document Output Front | Adjustable paper stop and asymmetrically adjustable paper guides. Removal aid. Optional instead of front document output tray: event-controlled sorting unit with two or four output trays |
| Document Output Rear | Rear output by straight paper path, controlled by active switch, to sort out separator sheets at full speed or to handle inflexible documents |
| Indexing | Sequential ID and four definable, event controlled counters for document indexing, integrated patch code and barcode reader 1D & 2D (e.g. 2/5 Interleaved, Code 39, Code 128, QR Code, Datamatrix) |
| Imprinter SD [5] | Inkjet imprinter (resolution 96 dpi) with ink management for definable single line printing, prior to scanning on document front side and after scanning on rear side |
| Imprinter HD [5] | HD imprinter (resolution 300, 600, 1200 dpi) with ink management for up to four lines printing after scanning on document rear side. Printing height up to 14.2 mm and barcode printing |
| Imprinter Digital | Digital image print. Content linkable to physical printed information and freely definable |
| SlowDown Modus [5] | Reduction of scan speed for safe document handling (20, 40, 70 ppm) |

### ▪▪▪ Interfaces

| | |
|---|---|
| Operation | Via capacitive 7" MultiTouch Communication Panel (MTCP) with integrated user management |
| Supported OS | Windows 7/8 (32/64 Bit), Windows 10/11 (64 Bit) |
| Driver | TWAIN™, ISIS® (MS61 ISIS compatible), WIA (on demand) |
| Scan PC | USB 3.0 (socket type B) |
| Interface | 3 x USB 2.1 (socket type A) for input devices/ storage media. Socket DE-9 for service and up to 4 additional input switches |
| Certifications | Kofax VRS / Express , TR-RESISCAN ready |

### ▪▪▪ Technical Data

| | |
|---|---|
| Power Consumption | Max. 200 Watt [4], Standby Mode < 0,5 Watt |
| Electrical Connection | 100 - 240 Volt; 50/60 Hertz; max. 2 Ampere |
| Environmental Conditions | Temperature: 10 - 35 °C / 50 - 95 °F Relative humidity: 30 - 80% |
| Dimensions | Width: 468 mm, Depth: 910 mm, Height: 380 mm |
| Weight | 50,0 kg (without options) |
| Noise Emission | Operation ready: max. 48 dB (A) Operation [4]: 55 dB (A) |

[1] Restrictions in relation to image processing settings and resolution are possible

[2] Maximum admission height is not equal to the maximum paper thickness. Dependent on the material

[3] Maximum paper weight can vary and ultimately depend on surface condition and the flexibility of material

[4] Depending on model

[5] Optional

Technical changes reserved.