

SCAMAX® 6x1

■ ■ ■ The Throughput Sensation



Production Scanners Made in Germany

Brings throughput to your desk

Our compact throughput sensation provides genuine 24/7 production scanning.

The SCAMAX® 6x1 is as compact as a table device but it scans with the power and the capacity of a high-performance scanner: faster, with greater persistence and more reliably than any scanner of its size. Developed for 24/7 operation and manufactured 100% in Germany, it sets standards with regard to document throughput, scanning quality, sorting options, process efficiency and user-friendliness. Thus it easily masters your recurring or consecutive large-scale scanning projects at the touch of a button: from inbox scanning and archiving and up to commercial scanning services.

ECM professional journals say: "The SCAMAX® 6x1 ranks among the table scanners with the highest throughput in the world". We say: the SCAMAX® 6x1 is an InoTec production scanner. Made in Germany. And what do you say?

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

Scanner Performance

Specifications for Bifacial Color 200-900 cpi	SCAMAX® 601	SCAMAX® 611	SCAMAX® 621	SCAMAX® 631
SIMPLEX All landscape	120 sheets/min. 120 pages/min.	150 sheets/min. 150 pages/min.	180 sheets/min. 180 pages/min.	210 sheets/min. 210 pages/min.
DUPLEX All landscape	120 sheets/min. 240 pages/min.	150 sheets/min. 300 pages/min.	180 sheets/min. 360 pages/min.	210 sheets/min. 420 pages/min.

The scanning speed is dependent on various factors such as paper size and texture, PC configuration and file scan resolution.

Speed is a number. Throughput is a fact.

No question about it: the fastest possible scanning speeds are a requirement for time-efficient scanning. Such speeds are significant however only when they are maintained reliably for many hours at a time or during complete shifts. Without stops. And without errors. Only then can high throughput be assured. And only then do we at InoTec name it 24/7 production scanners. Or in other words, if you want to make real headway, you need both speed **and** endurance.

Performance Upgrade

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

SCAMAX® 631 | 210 sheets/min.

SCAMAX® 621 | 180 sheets/min.

SCAMAX® 611 | 150 sheets/min.

SCAMAX® 601 | 120 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.



Perfect Document TECHNOLOGY

Perfect Document Technology for complete image processing on board, among other things, gamma correction, bicubic binarization for perfect bifacial images. In addition, Perfect Document Technology offers functions like multistep scanning (simultaneous output of color, grayscale and bifacial images), automatic blank page detection, content-based rotation, automatic color detection, patch-code controlled color change-over and much more.



Top Features

- Imprinter HD (optional)** for imprints of the highest quality at maximum scan speed. Print resolution: 300, 600 and 1200 dpi. Printing height: 14.2 mm. Text size: adjustable up to 4 lines and barcode printing.
- Belt transport system, gentle to paper** for safe transportation even of difficult documents: wear-free, maintenance-free, cleaning-free.
- Up to 5 sorting pockets (optional)** in combination with SCAMAX® Sorter. For event-controlled sorting at full scan speed
- Traffic light logic** for fast, intuitive handling.
- Speed selection** for touch-screen controlled adjustment of the scan speed, even during the processing of the scan project (for the models 611 through 631). A specific scan speed can be assigned by the scanner settings to every scan project.
- Variable input pressure** for optimized document input depending on document quality and size.
- NoSCRATCH glass guide** for guaranteed scratch resistance to paper clips and staples with a three-year NoSCRATCH warranty on glass guides).
- Readily accessible transport path** for easy cleaning and fast removal of jammed documents.
- SlowDown Modus** for scanning with reduced scan speed for critical document types.
- 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.
- Transport width and scan width up to 375 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.
- Document sorting at full scan speed** in the rear output tray, by event control e.g. by patch-code, counter, document length, barcodes (1D & 2D) etc.
- 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.

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.



Scanner Specifications

SCAMAX® 601 | 611 | 621 | 631

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)	120, 150, 180, und 210 sheets/min. (upward models 601, 611, 621 and 631) with upgrade option
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	75 mm (approx. 750 sheets at 80 g/m²) defined via profile
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 800 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) with switchable scan background (black/white)
Document Output Front	Output tray in four definable plate angles, adjustable Paper Stop and asymmetrically adjustable Paper Guides, tray extension for long documents (max. 485 mm) and 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 front-/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 front-/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. 400 Watt ⁽⁴⁾ , Standby Mode < 0,5 Watt
Electrical Connection	100 - 240 Volt; 50/60 Hertz; max. 4 Ampere
Environmental Conditions	Temperature: 10 - 35 °C / 50 - 95 °F Relative humidity: 30 - 80%
Dimensions	Width: 510 mm / 611 mm (stand width / width with display) Depth: 512 mm / 862 mm / 1.250 mm (stand depth / operation mode / with rear output tray) Height: 521 mm
Weight	64,8 kg (without options)
Noise Emission	Operation ready: max. 46 dB (A) Operation ⁽⁴⁾ : 55 to 59 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.


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