



SCAMAX® 6x1

The Throughput Sensation



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 Bitonal/Colour 200/300 dpi	SCAMAX® 601	SCAMAX® 611	SCAMAX® 621	SCAMAX® 631
SIMPLEX A4 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 A4 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 the scan application.

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.

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 SCAM AX® 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.

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 colour, grayscale and bitonal images), automatic blank page detection, content based rotation, automatic colour detection, patch-code controlled colour changeover and much more.



Top Features

- **Imprinter HD (optional)** for imprints of the highest quality at maximum scan speed. Print resolution: 300, 600 and 1,200 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 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.
- **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 upto 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.
- **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).

Production Scanners made in Germany





Scanner Specifications

General Technical Specification

Scanning Method	CCD line camera
Illumination	LED Illumination (diffuse)
Output Resolution	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
Colour Image	24 Bit, 16.8 million colours (True Colour)
Gray Image	8 Bit, 256 gray levels
Bitonal Image	1 Bit colour depth, bitonal
Daily Volume	Unlimited
Throughput (by A4 landscape, 200 & 300 dpi, bitonal & colour)	100 sheets/min (model 311), 120 sheets/min (model 321)
Warranty	12 month
NoSCRATCH-Warranty	36 month on glass guide
Digitisation 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 (colour, black, white)
Colour Dropout	Up to three colour areas definable
Binarisation Method	Dynamic with pixel filters & result preview
Stream Control	Based on Automatic Colour 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 colour 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 80g/m²)
Document Width	56 mm to 317,5 mm
Document Length	60 mm to 1950 mm 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 resolutionand choosen paper format.
Paper Formats	<ul style="list-style-type: none">• ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7• US formats: Ledger, Legal, Letter, Executive, Invoice• User defined format
Max. Admission Height	2 mm (by straight Paper Path)
Paper Weight	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. 485mm) and removal aid. Optional instead of front document output tray: event-controlled sorting unite 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 & 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)
Indexing SD	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	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	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 (32/64Bit), 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 additional input switches.
Certifications	Kofax VRS/Express, TR-RESISCAN ready

Technical Data

Power Consumption	Max. 200 Watt, 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: 510mm/611mm (stand width/width with display) Depth: 512mm/ 862mm/ 1.250 mm (stand depth/operation mode/with rear output tray) Height: 521mm
Weight	64.8 kg (without options)
Note Emission	Operation ready: max. 46 dB (A) Operation: 55 to 59 dB (A)



Get in touch



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