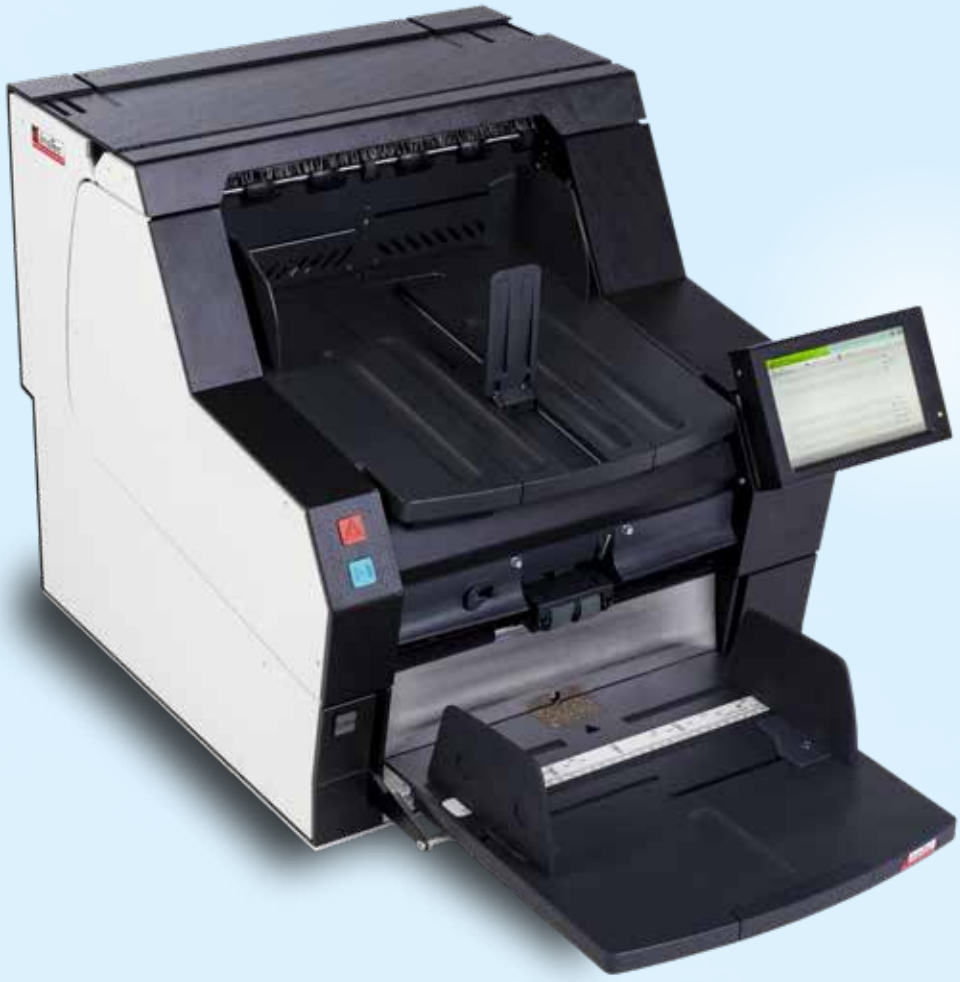
InoTec GmbH Organisationssysteme

Ultra-High Performance Scanner

SCAMAX® 6x1

... made in germany



PRECISION ENGINEERING PROVIDES
SECURITY AND EFFECTIVENESS

ULTRA-HIGH PERFORMANCE SCAMAX® 6x1

Since 1992 InoTecs` scanners make a major contribution to the digitization in our working and living environment. We develop, manufacture and distribute production and high speed scanners under the brand name 'SCAMAX®'. Our high quality standard results in technically precise, durable and robust scanners, which are used in the central business and administration processes of our customers and have a lasting effect. A trustful and partnership handling with each other, whether in the company, with the customers or with our sales partners, is actively lived from InoTec.

The new SCAMAX® 6x1 is the consistent implementation of this value philosophy. Everybody got involved in this product: Customers, partners and employees. Their requests, experiences and knowledge about the digitization have been integrated into the development process. The result is cutting-edge technology '*Made in Germany*'.

Output Hopper positionable in four different angles of attack:

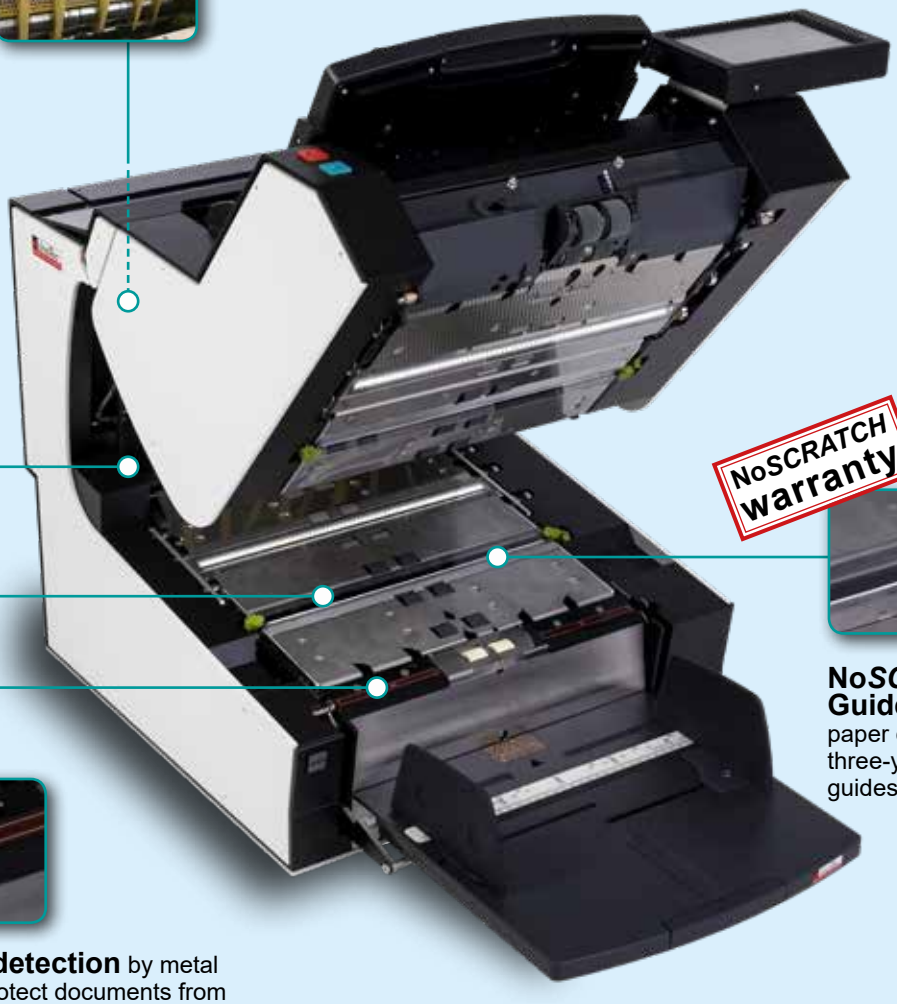
Upgrade concept

The scanner models 601 up to 621 can be upgraded on-site by performance options at any time. That way the scanner can grow with the new challenges and increasing scan volume.

- SCAMAX® 631 **210 ppm**
- SCAMAX® 621 **180 ppm**
- SCAMAX® 611 **150 ppm**
- SCAMAX® 601 **120 ppm**

Belt Transport System

Unique belt transport system for a safe processing of difficult documents, which is also gentle on paper and does not require cleaning and maintenance.



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

Transport and **scan width** up to 317.5 mm for processing tab and separating sheets.

No*SCRATCH* Glass Guide scratch-resistant to paper clips and staples, including three-year **warranty** on glass guides.

Paper clip detection by metal detectors to protect documents from damage.

... made in germany

The SCAMAX® 6x1 – Quality, innovation and productivity at the highest level.

SCAN SPEEDS SCAMAX® 601 / 611 / 621 / 631

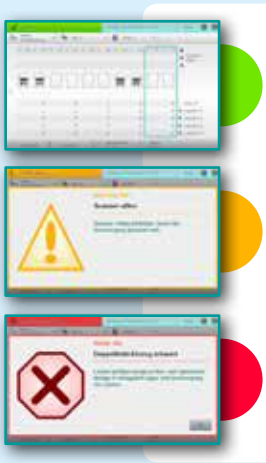
Performance grades / Scan speed at 200 / 300 dpi	SCAMAX® 601 Bitonal / Color	SCAMAX® 611 Bitonal / Color	SCAMAX® 621 Bitonal / Color	SCAMAX® 631 Bitonal / Color
Simplex A4 landscape	120 ppm	150 ppm	180 ppm	210 ppm
Duplex A4 landscpae	240 ipm	300 ipm	360 ipm	420 ipm

Scanning speed is influenced by several factors. Some of these are the actual paper size and surface, as well as the PC being used (amount of memory and processor speed) and the scan application itself.

ppm = page per minute
ipm = image per minute

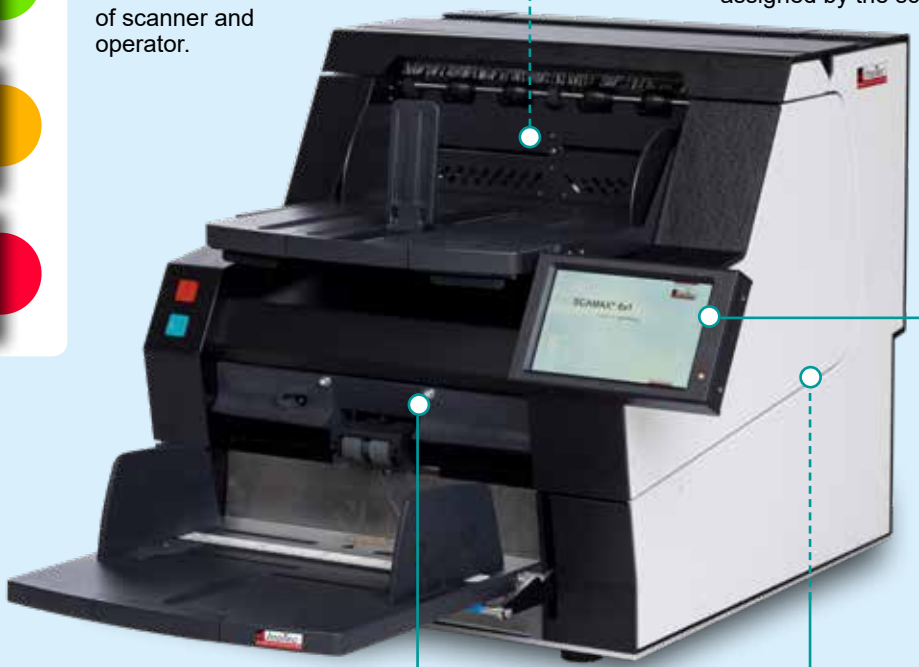
Perfect Document TECHNOLOGY Complete **Image Processing** on board, e.g. gamma correction, bicubic deskew, cropping and dynamic binarization for perfect bitonal images. In addition, PDT offers functions like multistreaming (simultaneous output of color, grayscale and bitonal images), automatic blank page detection, content based rotation, automatic or patch-code controlled color detection and much more…

Imprinter HD(5) Imprints in top 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.



Traffic light logic for fast, intuitive handling. Reduces downtimes and builds an effective team of scanner and operator.

Speed run(4) The scanner models 611 up to 631 can work with slower speed levels when necessary. The selected scan speed can be assigned by the scanner settings to every scan project.



MultiTouch Communication Panel *(MTCP)* in 7” size with easily understandable, colored pictograms, traffic light logic and clear full text messages for an easy, intuitive handling.

Pressure adjustment Input Paper to optimize the document feeding perfectly to most diverse documents.

Straight Through Paper Path (admission height 2 mm) through rear document output with active switch. **Sorting** by event control e.g. as per patch code, counter, document length, barcode etc. at **full scan speed.**

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SCANNER-SPECIFICATIONS

SCAMAX® 601 / 611 / 621 / 631

General Technical Specification

Throughput [4] (by A4 landscape, 200 and 300 dpi, bitonal and color)	120, 150, 180 and 210 ppm (upward models 601, 611, 621 and 631) with upgrade option
Daily Volume	Unlimited
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*) 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

Image Processing/PDT (Perfect Document Technology)

Image Orientation	Bicubic deskew correction with black border removal and text-oriented alignment.
Gamma Correction	3-level correction (color, black, white)
Color Dropout	Up to 3 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).
Blank Page Detection	Content-based dynamic procedure with a definable impact area.

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 paper), defined via profile.
Document Width	60 mm to 317,5 mm
Document Length	60 mm to 1950 mm [1 and 4]
Paper Formats	• ISO formats: A3, A4, A5, A6, A7, B4, B5, B6 and 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 280 g/m²
Input Control	• Two optical sensor • Double feed detection via five, separately definable, ultrasonic sensors • Automatic staple/metal recognition
Flow Control	Paper Flow Control (PFC) with optional length control.
Scan Areas	Dust-protected by NoSCRATCH-glass guide, variable height with switchable scan background *(black / white)*.
Document Output Front	Automatic tray in four definable plate angles with adjustable paper guides (*also asymmetric*), paperthrough extension for long documents (>A4) and removal help.
Document Output Rear	Rear paperthrough by straight paper path controlled by active switches for separate sheets or processing inflexible documents.
Indexing	Sequential ID and definable event controlled counters for document indexing, integrated patch code and barcode reader *(2/5 Interleaved, Code 39, Code 128)*.
Imprinter SD [5]	Inkjet imprinter (resolution 96 dpi) with ink management for definable print prior scanning on document front side and after scanning on front-/rear side.
Imprinter HD [5]	HD imprinter *(Resolution 300, 600,1200 dpi)* with imprinter management for up to 4 lines printing on back and front after scan. Printing height up to 14.2 mm and barcode printing.
Imprinter Digital	Content linkable to physical printed information and freely definable.

Interfaces

Operation	MultiTouch Communication Panel (MTCP) with easily understandable, colored pictograms, traffic light logic and clear full text messages. Size 7”
Supported OS	Windows 7 (32/64 Bit), Windows 8 (32/64 Bit), Windows 10 (64 Bit)
Driver	TWAIN™, ISIS (MS 61 - ISIS compatible), WIA
Scan PC	USB 3.0 *(socket type A)* for external scan software.
In-/Output	USB 3.0 (*socket type B*), 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 (for example foot switches)

Technical Data

Power Consumption	In operation < 400 Watt, Sleep Mode < 1 Watt, Standby Mode 0 Watt
Electrical Connection	100 - 240 Volt; 50/60 Hz; max. 5 Amp.
Environmental Conditions	Temperature: 10 - 35°C / 50-95°F Relative humidity: 30 - 80 %
Dimensions	• Stand width: 510 mm w/o display • Width incl. display 611mm (space requirement) • Height: 521 mm • Stand depth: 512 mm • Depth with transport position 862 mm
Weight	64.8 kg
Noise Emission	Operation ready: max. 45 dB (A) Operation [4]: 62 to 69 dB (A)
Warranty	12 month
NoSCRATCH-warranty	36 month on glass guide

[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 specification subject to change without notice.

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