

OUR SCANNERS REV UP YOUR BUSINESS PROCESS!

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TRIPLE INNOVATION

InoTec's SCAMAX® 4x2 opens a new dimension in document capture. Utilizing new and innovative technology it has increased product reliability and scanning throughput for even the most difficult of scanning projects.

Image enhancements and processing are now handled by the scanner's own internal hardware – improving workflow productivity by eliminating the need for time consuming post processing on an external PC.

The SCAMAX® 4x2 has a newly designed feeder concept which ensures that a widely varying range of documents can be fed automatically through the scanner. Even the thinnest of paper is transported through the scanner reliably ensuring minimum downtime due to miss-feeds.

Purchasing the SCAMAX® 4x2 is a safe and sensible investment thanks to InoTec's innovative upgrade options. The scanner can be upgraded at any time to changing production requirements.



BITON A
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U N I Q U E

- Gigabit Ethernet
Interface with a future.
Fast, safe and uncomplicated.
- TSCP
TouchScreen Communication Panel
Simplifies operation of advanced functions.
- PFC PaperFlowControl
Controls paper flow from the feeder to the output hopper and detects feeding errors.
- Document Indexing
Generates user-defined index data during the scanning process and passes the data on to post processing.
- Intelligent Endorser
Prints freely definable information pre-and/or post scan.
- Bates Stamping
Stamps images electronically.

S I M P L E

- Ergonomic
Minimises operator fatigue because controls are easily reached.

High contrast TouchScreen display ensures excellent screen readability.

Document sequence is always maintained to eliminate post scan sorting.
- Quiet Operation
Ultra quiet and compact design easily fits into any office environment.
- Ease of Use
Intuitive design ensures ease of operation, even after an upgrade.

S E C U R E

- Contact Feeder
Automatic, safe, reliable and controlled.
- Paper Transport
Safe, reliable and controlled.

Glassless

Gentle on papers.

Simple and easy access everywhere.

Reliable processing, even with widely varying documents in the same batch.

E C O N O M I C A L

- Low Operating Costs
Few wearing parts.
- Energy Saving
Utilises an energy saving high performance illumination system.

No warm-up time for the lamps, instantly useable upon power on.

Reduces power consumption due to a two-lamp illumination system.
- ENERGY STAR
Exceeds Energy Star requirements for energy consumption.
- Maintenance Worldwide
Onsite maintenance is provided by authorized service partners.
- Compact Design
Small footprint design saves valuable office space.

N O L I M I T S

- Advanced Engineering Ensures
No Volume Limits
Continuous scanning – 24 hours a day, 7 days a week, 52 weeks...
- No Service Area Limits
True worldwide service by InoTec technicians or authorised, factory trained service partners.



SELECTABLE

- Scan Speed*
80, 110, 150 ppm
160, 220, 300 ipm
- Resolution
150, 200, 300 and 400 dpi
- Image Quality
Dynamic binarisation.
- Document Feed
Auto-feed (batch)
Hand-feed with or without paper separation.
- User Formats
Document width: min 28 mm
max 317.5 mm
Document length: min 60 mm
max 4,127.5 mm
- Paper Thickness
Onion skin (filmsies) to Manila folder file covers.
- Image Output*
Bitonal, Grey, Colour – compressed or uncompressed.
Dual resolution from the same image.
- Double Feed Control
Three ultrasound sensors, individually controlled across entire document length and across individual document areas.
- Scalable Processor Performance
Demand orientated image processing.

STRUCTURED

- Indexing
Event Controlled Indexing
Replaces costly software and reduces throughput times.
Utilises Established Filing Structures
Structure can be fully user-defined based on established organisation methods.
Index Trigger
Index triggers are activated by patchcode and manual input.
User Definable Options
Counters, fixed texts and flags.
Export Capability
Index values can be easily imported into Document Management Systems.

COMMUNICATIVE

- Operator/Machine Interface
Utilises easy to use TouchScreen Communication Panel
- Language
Instructions and error messages are simple to understand and multilingual.
- Full Text
All error messages and screen references are in full text. No coded messages or instructions.
- Pictograms
Ensures fast orientation – clear, understandable, intuitive.

OPTIMISED

- Image Enhancement
Cropping/Deskew
Black border removal, bicubic deskew.
Electronic Colour Dropout colerase™ *
Mixed colour filter.
Software Threshold Technology coladapt™
Image Optimisation.
Scan Background
Selectable black or white, switchable in scanner.
- Optical Resolution
400 dpi
- Multistream, Triplestream and Twinstream Capabilities
- Speed Option 300 dpi
300 dpi scan speed is just as high as 200 dpi scan speed.
- Automatic Colour Detection
With configurable settings.
- CCP Colour Calibration Program
Software to calibrate colours using IT8 targets.



Button Assignment
Freely Definable.



Full Text Messages and Onscreen Graphics (Pictograms) Provide Instant Reference.



Input via TouchScreen Keypad Provides Indexing and Process Control.

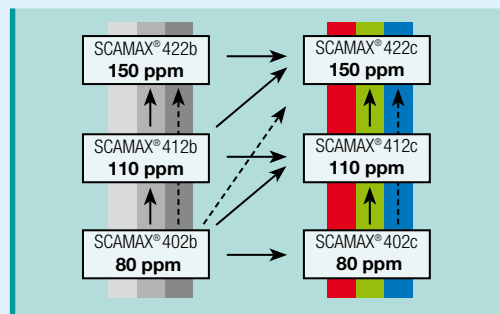
* depends on options/model



PERFORMANCE






Performance Grades:	SCAMAX® 402	SCAMAX® 412	SCAMAX® 422
	Bitonal/Colour	Bitonal/Colour	Bitonal/Colour
Scan speed at 200/300* dpi	ipm	ipm	ipm
Simplex A4 Landscape	80	110	150
Duplex A4 Landscape	160	220	300

UPGRADE PATH



SCANNER SPECIFICATIONS

Optics / Imaging	
Image Generation	Optical CCD camera (400 dpi resolution), glassless paper guide
Resolution	150, 200, 300 and 400 dpi
Binarisation	coladapt™ Dynamic with result preview and pixel filter
Greyscale Image	8 Bit depth, 256 levels of grey
Colour Image	24 Bit depth, 16.8 million colours (true colour)*
Deskew	Bicubic with black border removal and automatic deskew
Gamma Correction	10 Bit after 8 Bit, three level correction (colour, black and white)
Colour Filter Standard	RGB filter (red/green/blue colour elimination)
Colour Filter Option	colerace™ Mixed colour filter (hues) with profiles, for all colour scanners
Indexing	Scan counter and four freely defineable, event controlled counters for document indexing and endorsing. Integrated patchcode decoder with 15 defineable tracks plus image markers (flags)
Technical Data	
Power Supply	100 – 240 Volt AC, 50/60 Hz, 3.5 A (at 115 V)
Power Consumption	160 W, standby 3.5 W
Environmental Requirements	Temp 10 – 35 °C Relative humidity 30 – 80%, non condensing
Dimensions	Width 510 mm / Height 395 mm / Depth 685 mm
Weight	38 kg
Noise Level	< 70 dB(A)
Interfaces	
Operator	TouchScreen Communication Panel (TSCP)
Driver	ISIS™ (Level P - model 422 option), TWAIN
PC Connection	RJ45 Gigabit Ethernet 10/100/1000 Mbit/s (UDP)
Service Interface	Sub-D 9-pin socket (RS 232) for service cable or footswitch

Paper Handling	
Document Input	Auto feed from stack or single sheet feed (hand feed), adjustable paper guides, offset feeding and integrated document support for long documents
Max. Stack Height	50 mm (approx. 500 sheets at 80 gsm)
Document Width	28 mm – 317.5 mm
Standard Formats	ISO: A3, A4, A5, A6, A7, B4, B5, B6, B7, US: Ledger, Legal, Letter, Executive, Invoice
User Formats	From 28 x 60 mm to 317.5 x 4,127.5 mm
Feed Control	Mechanical paper separation and double feed control, via three individually controllable ultrasound sensors
Flow Control	PaperFlowControl (PFC) with optional length control
Scan Area	Glassless with black scan background. White scan background user changeable in scanner (for transparencies, etc)
Document Output	Adjustable output hopper for offset and variable length scanning
Endorser (Imprinter)	Two integrated inkjet endorsers (imprinters) with ink management, pre definable contents, print pre- and post scan on front or back of document respectively
Miscellaneous	
Approvals	    
Options	Mixed colour filter including the filter generation tool colerace™ for colour scanners, Speed Option 300dpi, IP-Speed Processor Modul, CCP Colour Calibration Program
Accessories	Document table, foot switches, white calibration paper, cleaning kit, consumables kit, professional vacuum cleaner

* depends on options/model Technical specification subject to change without notice

Further details can be found under www.inotec.eu
To arrange for a test scan with your own documents please contact us.

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