

# New High-end Bitonal Scanner MF S 415



Features	MF S 415
Camera	2 x Trilinear CCD Camera 3 x 5000 Pixels, front and back
Resolution	75, 100, 150, 200, 300, 400 dpi
Image Output	1 Bit Bitonal
Imaging	Integriertes SCSI-160 Board with
Functions	- Descew, Cropping - MDIT - Multi Dimensional Intelligent Thresholding
Image formats	TIFF G4, JPEG, PDF
Interfaces	SCSI-3 UW (TWAIN/ISIS)
Scanning speed	Up to 120 ppm A4 Landscape at 200 dpi Up to 240 ipm A4 Landscape at 200 dpi (Duplex)
Document size	Minimum 50 x 70 mm Maximum 315 x 4.000 mm
Paper thickness	40 - 250 g/m <sup>2</sup>
Paper feed	Batch Feeder for up to 500 documents with ultrasonic double sheet detector
Options	Height adjustable worktable, Auto Feeder Pre Scan Imprinter (Inkjet) Post Scan Endorser (Inkjet) Realtime Imprinter Control
Upgrade Options	Upgrade Kit Greyscale (8 Bit) Field Upgrade Full Color (24 Bit True Color) with full functionality like MF S 455
Capture Software	DpuScan Gold Unlimited

More information from:

The **S 415** High-end Bitonal Scanner is a highly capable model from Microform's newly developed series of high-performance scanners, that offers high productivity in the conversion of mixed documents to top-quality black-and-white images. With a scanning speed of 120 ppm A4 landscape at 200 dpi, the **S 415** demonstrates a level of performance far in advance of the standard of others so called production scanners.

The mechanical design of the **S 415** is based on the proven S 61 Document Scanner. The unique paper transport system without any belts masters all paper grades with minimal risks of paper jams or damage to valuable originals. New long-life lamps illuminate the scanning zone with light whose brightness is similar to daylight to provide optimum scanning quality while at the same time reducing costs for consumables. The **S 415** is manufactured using carefully selected materials and to demanding quality standards, and is suitable for converting extremely large quantities of > 30,000 documents or more per day under tough, 7/24 production conditions. Its stability, endurance, and the low level of service and maintenance expenditure guarantee significant savings in running costs compared with comparable rival products.

The heart of the **S 415** consists of two all-new camera units that produce simply outstanding scan results. These dustfree, encapsulated components contain new Trilinear CCD cameras, combined with high-quality lenses from Schneider Kreuznach and antireflection-coated optical mirrors.

Versatile and powerful imaging functions process the raw images to create excellent results. Deskew, cropping and **MDIT** (Multi Dimensional Intelligent Thresholding) are basic functions that are simply part and parcel of the **S 415**. With its ideal combination of cutting-edge scanner technology and versatile imaging functions, the **S 415** always produces results in **Best Image** quality.

The **S 415** Bitonal Scanner is a flexible and economical entry-level model into the world of color. By adding the upgrade option 'Full Color', every **S 415** installed can be turned - almost at the drop of a hat and at any location in the field - into a color production scanner with the full functionality and performance of the **MF S 455** scanner. This option enables users to plan their investments in line with their requirements: for instance, by taking an economically attractive and sound first step just for bitonal scanning, followed up by a subsequent switch to color scanning while simultaneously utilizing and maintaining the value of the initial investment.

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