

New Production Color Scanner MF S 455



Features	MF S 455
Camera	2 x Trilinear CCD Camera 3 x 5000 Pixels, front and back
Resolution	75, 100, 150, 200, 300, 400 dpi
Image Output	24 Bit True Color, 8 Bit Greyscale, 1 Bit Bitonal
Imaging Functions	Integriertes SCSI-160 Board with extension for - Multistream Scanning (Color, Grey and Bitonal per Scan) - Descew, Cropping - MDIT - Multi Dimensional Intelligent Thresholding - Digital Color Filtering - Gamma Correction - RSOD - Rescan on Demand
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 ²
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
Capture Software	DpuScan Gold Unlimited

More information from:

The **S 455** Color Production Scanner is another highlight of Microform's newly developed series of high-performance scanners for the highest standards of quality and performance. Cutting-edge camera design and the very latest imaging technology make the **S 455** a powerful scanning station for economical converting of mixed documents of all types to full color, greyscale and bitonal images of outstanding quality. With a scanning speed of up to 120 ppm A4 landscape at 200 dpi in color, the **S 455** demonstrates a level of performance far in advance of that offered by the majority of rival products.

The mechanical design of the **S 455** 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 455** 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 455** 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, digital color filtering and gamma correction are basic functions that are simply part and parcel of the **S 455**. **Multistream** scanning simultaneously delivers color, greyscale, and bitonal images from each scan. **MDIT** - Multi Dimensional Intelligent Thresholding turns greyscale images into excellent bitonal ones. **RSOD** - ReScan on Demand supports the setting-up of scanning profiles and subsequent quality optimization. With this ideal combination of cutting-edge scanner technology and versatile imaging functions, the **MF S 455** always produces results in **Best Image** quality.

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