

PS1000

REIMAGINED. REDESIGNED.
FASTER THAN EVER.



Based on DRS' award-winning scanner technology, the newly redesigned and re-engineered PS1000 introduces a new platform for high speed throughput and real-time data processing. Specifically aimed at data capturing solutions such as OMR, scanning and automated processing, the scanner provides outstanding value for money against many in its field.

Equipped with a 1000 sheet input hopper and three output stackers, the PS1000 scanner is designed to process a large number of forms at high speed, whilst separating out anomalies and any other forms for application-specific purposes.



Efficient and Effective

The PS1000 scanner is designed with an open paper path to allow for quick access for document removal and cleaning.

Double Detection and Automatic Re-feeding

The PS1000 scanner not only detects double feeds instantly, but automatically re-feeds the sheets back into the reader using the built-in doubles removal system minimising operator intervention and maximising throughput.

Full Speed Sorting

With the PhotoScribe® real-time decision making, forms can be separated into the primary and secondary hoppers at full speed, keeping efficiency, speed and performance high throughout the scan.

Experience

DRS has over 45 years' experience in delivering data capture projects around the world. It designs and manufactures its own range of sophisticated OMR, OCR and Imaging technology which is fully supported with a range of associated services including project management, software, training and technical support and back-up on-site.



DRS Data Services Limited
1 Danbury Court, Linford Wood, Milton Keynes,
MK14 6LR, England

Tel: +44(0)1908 666088
enquiries@drs.co.uk
www.drs.co.uk

Functional Specifications		
Model	PS1000	
Speed	225 Pages per Minute (300DPI images) Up to 12,000 forms per hour	
Document Size	Minimum Size: 150mm x 70mm Maximum Size: 310mm x 300mm	
Paper Weight (Thickness)	80 – 120gsm	
Scanning Technology	CIS (Contact Image Sensor)	
Illumination	Dual LED Illumination	
Output Stackers	3	
Stacker Capacities (80gsm)	Stacker 1: 1000 sheets Stacker 2: 200 sheets Stacker 3: 200 sheets	
External Dimensions	750mm depth x 1000mm width x 700mm height	
Weight	70Kg	
Scanning Mode	Simplex or Duplex	
Document Feeding Mode	Ultrasonic multi-feed detection Automatic double removal with automated retry Automatic jam detection with position reporting	
Paper Path	Open Paper Path for easy access	
Built in Microsoft Windows® PC	Yes	
Power	Maximum Consumption: 300 Watts Supply: Universal 100 – 250V 50-60Hz	
Operating Environment	Temperature: 10° - 35° C Humidity: 40% - 80% (non-condensing)	
Operator Controls	Colour 5" LCD Touch screen control 2 x Multi-function operator buttons Power Standby button Computer Keyboard and Monitor	
Built in Windows® PC Operating System and Platform	Operating System:	Microsoft® Windows 10 Pro 64 Bit
	Mainboard:	Industrial Standard ATX x86 platform
	Processor:	Intel Core i7 2.3GHz
	Memory:	16GB DDR3
	Storage:	HDD SATA, 500GB (minimum)
	Ports:	4 x USB-A 3.0, 2 x USB-A 2.0 Mouse: USB / PS2 combo Serial Ports x 2 (D9) Video: HDMI x 1, 1 x SVGA (D15), Display Port x 1 Network: 1 x RJ45 Ethernet
	Network:	10/100/1000 Base-T
Interfaces		PhotoScribe® interface
Image Features	Optical Resolution	100/200/300 DPI Monochrome / Greyscale images, 256 levels of greyscale
	Image Output Types	JPEG; TIFF; BMP; RAW memory
	Text Recognition	OCR support
	Barcode Types	2 of 5 interleaved, Code 39, Code 128
	Max Barcodes	64 mixed per data request
OMR Features	Format:	Duplex, Software selectable: European standard (5 tracks per inch, 40 data tracks) USA standard (6 tracks per inch, 47 data tracks)
	Barcode Types	Interleaved 2 of 5, Code 39, Code 128 and Codabar
	Barcode Orientation	Vertical or Horizontal
	Max Barcodes	64 per side
	Sheet Routing	Real-time sheet sorting based on OMR and Barcode data
	DRS SOS Decode	Compatible
In-box Accessories		Power cable, Keyboard, Mouse
Bundled Software		DRS SOSKit package for OMR
Warranty		12 months
Approvals		CE