

DFI HANDY SCANNER HS-3000

Name:	DFI Handy scanner
Model:	HS-3000
Scanning Method:	Hand positioned
Scan Width:	4-1/8" (105mm) = 496
Resolution:	100,200,300 and 400 DPI select table by switch on scanner
Gray Scales:	Black & White and three 32 quasi-tones (halftones using dither patterns)
Scanning Speed:	0.8 inch/sec. (2cm/sec.) max at 400 DPI, 3.1 inch/sec. (8cm/sec.) max. at 100 DPI
Operating Force:	1.11b (500g) max capacity
Dimensions:	5.3"x3.6" x1.3" (134mm x 91mm x 32mm)
Cable Length:	71"(1.8m)
Interface Board:	For IBM PC/XT/AT, Models 25/30, and their compatibles
Size:	Short card (4.4" x 4.29) (112 x 107mm)
Software Features:	Free copy of HALO DPE (Desktop Publishing Editor) for scanning, viewing, crop ping, rotating images, combining images and other text files, and saving or printing the edited images.
Minimum System:	384KB memory (for 200 DPI with 2000 scan lines), DOS 2.0 or higher, double sided disk drive, 1 DMA channel. A mouse is required to use the bit-edit feature. If using HALO DPE, 512 KB (640KB recommended) total memory and a second disk drive are required, in addition to the other minimum requirements.
Release date:	1988

DFI Handy Scanner HS-3000, developed by DFI (Diamond Flower Inc.), was first publicly mentioned in 1988, which is considered the beginning of its production and distribution. This handheld optical scanner was designed to meet the growing

demand for digitizing printed documents and images during the rapid rise of personal computers in the late 1980s and early 1990s. Unlike the larger and more expensive desktop scanners of that era, the HS-3000 was compact, portable, and affordable, making it particularly suitable for use in small offices, educational institutions, and even home environments. The device allowed users to process scanned text using optical character recognition (OCR) software, as well as to digitize images for archiving, transmission, or editing purposes.

Technical Specifications:

Device type: Handheld optical scanner

Connectivity: RS-232 (serial port)

Compatibility: IBM PC and DOS systems

Power supply: Via serial port or external adapter

Software: DFI Scan Utility / Image Tool (5.25" floppy disks)

The DFI HS-3000 served as an important solution for widespread document scanning in settings where compact and accessible tools were needed. Its portability and ease of use enabled many users to adopt digital archiving and electronic document management well before the mainstream availability of multifunctional scanners and mobile scanning devices. As one of the early tools in the field of digital data management, the HS-3000 contributed to the development of modern archival practices and tools for organizing, searching, and preserving digital content.

References:

https://find.slv.vic.gov.au/discovery/fulldisplay?docid=alma9912151373607636&context=L&vid=61SLV_INST:SLV&lang=en&search_scope=slv_local&adaptor=Local%20Search%20Engine&tab=searchProfile&query=any,contains,DFI%20Handy%20Scanner%20HS-3000