

dual platen,  
double-duty  
flatbed...

# HiDEMAND 400

## Increase Productivity

The dual-platen, dual-carriage, multi-lens design of this large format flatbed will more than double the productivity of your current workflow.

## Triple On-Board DSP

Digital Signal Processors drive image processing functions to the highest achievable rates. Working in parallel with an internal processor and 1.0 GB hard drive, the HiDEMAND 400 is the best choice for optimum performance and productivity.

## Superior Optics

Get high quality imaging through this five lens mirrorless optical system which accommodates true optical resolution from 667 across the full platen up to 4,000 dpi.

## Proprietary CCD

Using a proprietary CCD circuit cooling system, the HiDEMAND 400 ensures consistent high-quality color and repeatability, every scan, every day.

## Trident Photo Edition

Included with the HiDEMAND 400, this Common Workflow Interface connects directly to all Howtek scanners. TRIDENT increases productivity by supporting saved 8, 12, or 16 bit TIFF images, with cross platform support on Macintosh or Windows NT.

## HOWTEK'S

HiDEMAND 400 CCD scanner offers the ultimate integration of the highest quality imaging, innovative optics, and dual-platen design, setting a new standard for high-performance and ease-of-use in a large format flatbed scanner.



## Consistency

Through proprietary CCD engineering and a self-calibrating light source the HiDEMAND 400 ensures consistent high-quality color with every scan. TRIDENT PHOTO EDITION software, included with the scanner, increases the consistency of the HiDEMAND 400 by providing professional color reproductions and ColorSync color management options at the push-of-a-button. **Quality** The extraordinary density range, resolution and high-quality imaging of the HiDEMAND 400 are the result of a dual-platen, dual-carriage, five lens mirrorless optical system which accommodates true optical resolutions up to 4,000 dpi while meeting an optical density of 4.2Dmax. **Productivity** The combination of technical precision, push-button color using TRIDENT PHOTO EDITION software and ease-of-use results in a system that is higher in image quality and consistency while producing up to 25 10MB images per hour.

MACINTOSH™

WINDOWS NT

Howtek 

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## PRODUCT SPECIFICATIONS

### Includes Trident PE

TRIDENT PHOTO EDITION 3.0 is included at **no additional cost.**

### Training by GIA

Master the craft of scanning with Trident at the Graphic Intelligence Agency. Get **\$500 off** training with your purchase.

### Macintosh System Requirements

- ◆ Power Macintosh 8100 or better with floating point co-processor installed
- ◆ Mac OS 7.5.3 or higher
- ◆ 24-bit color display adapter
- ◆ 17" or larger high resolution monitor (1024 x 768 dpi) with true colors (24 bits)
- ◆ Minimum 48 MB RAM; 32 MB for TRIDENT application
- ◆ Minimum available hard disk space of 200 MB

### Windows™ NT System Requirements

- ◆ Windows NT 4.0 or greater
- ◆ Minimum Pentium 166 MHz processor
- ◆ 24-bit color display adapter
- ◆ 17" or larger high resolution monitor (1024 x 768 dpi)
- ◆ Minimum 48 MB RAM; 32 MB for TRIDENT application
- ◆ Minimum available hard disk space of 200 MB

### Technology

Tri-Linear 8,000 CCD  
Single Pass Floor Standing Scanner

### Oversized Scanning Area

12"x18"

### Original Type

Transparencies & Reflective  
Positive or Negatives  
in color, grayscale and line art

### Maximum Resolution

16,000 dpi Transparencies

4,000 dpi Reflectives

### Optical Resolution

4,000 dpi Transparencies

1,000 dpi Reflective

### Percent Optical Enlargement

1,777% Transparencies

444% Reflective

### Media Carrier

Dual-Platen System:  
Glass Platen for Reflectives &  
Sliding Glass Transparency Tray

### Calibration

Self Calibrating,  
Pivoting 6833°K Lamp

### Dynamic Range

0-4.0 OD

4.2 Dmax

### Color Output

16 bits per channel

48 bits of color

### Focus

Five Lens, Mirrorless Optics  
Automatic & Manual

Zoom Focus

### Speed

25 scans per hour

### Light Source

Tri-Phosphor

Pivoting 6833°K

Fluorescent Lamp

### Interface

SCSI-2

### Operating System

Macintosh®, Windows™

### Software Included

TRIDENT PHOTO EDITION

### Warranty

90 days

On-site Service

### Dimensions

40" x 32" x 42.5"

100cm x 80cm x 106.25cm

### Weight

500lbs; 227 kg

### Power

Auto-Switching Universal Power Supply

Min./Max. Voltage: 95 to 254 VAC.

Frequency: 50 to 60 Hz.

Max. Power Consumption: 200 Watts.



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