



Photo: Neleman

## THE ULTIMATE IN MEDIUM AND LARGE FORMAT PHOTOGRAPHY

PHASE ONE'S NEW 39 MEGA-PIXEL DIGITAL BACK WILL EXCEED ALL OF THE TOP SHOOTERS EXPECTATIONS BOTH IN STUDIO AND IN THE FIELD!

### **World class performance**

Phase One's new P 45 boosts performance on medium/large format cameras. Not only the demand for higher resolution is honored, but also workflow efficiency, simplicity and storage security is opted in this new P-back. Phase One is renowned for delivering the best image quality and most efficient workflow in the world, allowing you to capture, adjust, prepare for print and archive perfect images in

minutes. Lift up your studios profit - your clients will keep coming back and you will win new clients.

### **The Phase One Difference**

Working with Phase One provides you with unlimited creative opportunities. You will be able to improve your work constantly and discover new kinds of photography. The time you save on shooting and post production will allow you to expand your creative boundaries and rediscover your passion for photography. Together with the amazing image quality, you get from the high resolution files, this is what we call the Phase One Difference.

## P 45

### **5 good reasons :**

- Maximum resolution and fine details
- Full frame capture area
- New revolutionary safe storage system
- Maximum flexibility and efficiency
- Rewarding investment both financially and creatively



## Corporate headquarters:

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## Specifications:

### Imager

Technology: Full frame CCD  
Color filter: Red, green, blue  
Pixels (Active): 7216 x 5412  
CCD size (Active): 49.1 x 36.8 mm  
Pixel size: 6.8 x 6.8 micron  
Image ratio: 4:3  
Image output: 48 bits (16 bit per color)  
Antiblooming: 8 f-stops

### Digital image

Color depth: 16 bit per color  
Dynamic range: 12 f-stop  
Single exposure: 7216 x 5412 pixels  
24 bit RGB: 112 MB  
48 bit RGB: 224 MB  
64 bit CMYK: 299 MB  
Two exposure: 10.600 x 7216 pixels  
24 bit RGB: 219 MB  
48 bit RGB: 438 MB  
64 bit CMYK: 585 MB

### Sensitivity

ISO: 50, 100, 200, 400

### Camera system

Capture rate: 35 frames per min.  
Writing speed to CF: Up to 20 MB/sec.  
depending on CF card  
Battery type: Lithium Ion  
Battery lifetime: 250 captures/4 hours  
Exposure time: Several minutes to less than 1/10000  
IR filter: Mounted on CCD  
Orientation: Automatic image rotation (Patented)  
Power: 8-33 V DC

### Data format

Phase One IIQ RAW (patent pending),  
TIFF-RGB,  
TIFF-CMYK, JPEG

### Color management

RGB, Embedded ICC profile, CMYK

### LCD screen

Size: 2.2"  
Colors: 262,144 (18 bit)

Information: Preview, histogram, exposure warning, ISO  
Functionality: Image browsing, deleting, zooming, ISO and white balance setting

**Lighting** Flash, tungsten, day-light, fluorescent, HMI

### Operating conditions

Temperature: 0° to 40°C (32° to 122°F)

Humidity: 15 to 80% RH (non-condensing)

### Camera models

P 45 Hasselblad V, Hasselblad H, Mamiya 645 AFD or Contax 645AF

### Camera support

Hasselblad: 555ELD, 553 ELX, 503 CW, 501 CM, H1  
Mamiya: RZ67, 645AFD  
Contax: 645AF  
Wide-angle: Hasselblad 903 SWC and a range of adapters with 35 mm support  
4"x5": Arca Swiss, Cambo 4x5, Rollei Xact, Linhof M679/4x5, Toyo, Sinar, Plaubel, Horseman

### Computer requirements

Mac: G4, 500 MB RAM, FireWire® interface, Mac OSX  
PC: Pentium III, 500 MB RAM, IEEE 1394 interface, Windows XP/2000

### Certifications

CE

dealer stamp