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DAIHAN-brand® Portable Gel Documentation System, "WGD-20", 1.5M Pixel CCD Camera, with Certi. & Traceability with Digital CCD Camera & Optical Lens, Portable Darkroom Hood, WiseCapture II™ Capture Software, USB Interface
젤이미지 분석 시스템, 고성능/최저가, 디지털 CCD 카메라(150만 화소) 장착

- with Certificate & Traceability :
Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- The Most Cost-Effective System
- High Precise and Large Caliber Optical Lens with Zoom, Focus and Iris Control are Used
- CE Certified ■ PL(Product Liability) Insurance

- * DNA, RNA gel Imaging Capture and Analysis
- * Digital CCD Camera (Resolution 1.5 Million pixel) with Portable Darkroom is Offered
- * 1360 × 1024, 10-bit CCD, Available for 8-bit Gray Level Image Capturing
- * Power Consumption : N/A
- * Very Compact Portable Darkroom System Enables the Existing Transilluminators in the Lab to be used together with this system . High Flexibility in use is Offered
- * USB 2.0 Interface is available, through which Real-Time Images are transferred directly to PC
- * WiseCapture II™ Software : Easy and Fast Capture of Gel Image
- * TotalLab™ Software : Fully Automatic, Single Button Press Complete Image Analysis in Interesting Area(Optional)

Specification

Model		"WGD-20"
CCD Module	CCD & Pixel Size	1/2" CCD, 4.65 × 4.65 um
	Max. Resolution	1360 × 1024
	Lens Mount & Optical Size	C mount, 7.6 × 6.2 mm
	Connect to PC & Power	USB 2.0, Supplied USB
Zoom Lens	Iris & Focal Length	F1.0 - Close, 8~48mm
	Operation Temp.	-10°C to +50°C
Overall	Dimension & Weight	260 × 260 × h430 mm, 9 kg
	Software Capability	Windows XP, Vista & 7
Packing Size (mm) & Gross Weight (kg)		400 × 350 × h510 mm, 18 kg

* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 9,000 별도!

Ordering Information

		Ea. Price, ₩
DH.WGD00020	Gel Doc. System, "WGD-20", with a Camera, Portable Darkroom Hood and WiseCapture II™	2,787,630
DH.WGD00024	Gel Doc. System, "WGD-20S", with a Camera, Portable Darkroom Hood, and WiseCapture II™, TotalLab™ Quant DNA Analysis S/W	3,949,370

Optional Transilluminator & S/W

		Ea. Price, ₩
DH.WUV00020	(1) Transilluminator, "WUV-L20", 20×20cm Filter 312nm, 15W UV Lamp × 6ea	997,500
DH.WUV00050	(1) Transilluminator, "WUV-L50", 20×20cm Filter 365nm+312nm, 15W UV Lamp × 6ea	871,000
DH.WUV00120	(1) Transilluminator, "WUV-M20", 20×20cm Filter 312nm, 8W UV Lamp × 6ea	997,930
DH.WGD00100	(2) TotalLab™ Quant, DNA Analysis S/W	1,269,470
DH.WGD00120	(3) Phoretix 1D, DNA Analysis S/W	4,725,540
DH.WGD00121	(4) Phoretix 1D Pro, DNA Analysis S/W	9,437,940
DH.WGD00200	LapTop Computer, WGD-Laptop, for WGD Gel Doc.System	1,613,140



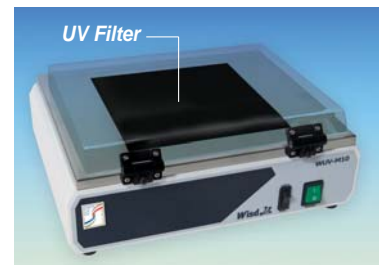
Portable Gel Documentation System "WGD-20"

※ Computer System Requirements

- Intel Chipset, USB 2.0 Support Mainboard
- Over Pentium 4 Processor
- Over 256MB Main Memory
- Over 60MB Space of HDD for Installation and Running
- Window XP, Vista & 7 OS(32bit)

WiseCapture II™

- : Included S/W, Real-Time Image Viewing/Capture, Manipulate and Save Images



(1) UV Transilluminator(Optional)

DNA Analysis S/W

(2) TotalLab™ Quant

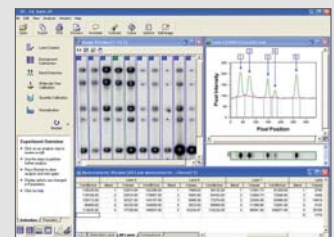
- Automatic and Manual Lane Detection, Background Subtraction
- Fully Automatic Band Detection, Molecular Size / pI Calibration
- Quantity Calibration, Normalization

(3) Phoretix 1D (additional function)

- Band Matching, Band Picking, Dendrograms, Intensity Calibration

(4) Phoretix 1D Pro (additional function)

- Match Band Data Patterns across Large Groups of Lanes
- Choice of Algorithms to Generate Dendrograms : NeighborJoining, UPGMA, Complete Linkage, Single Linkage, Ward Library, Queries Function



One Stop Analysis