

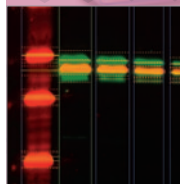
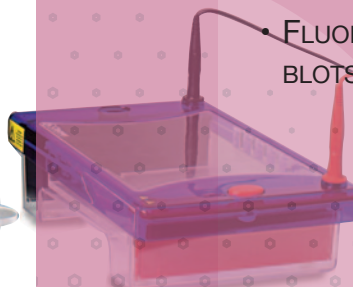
workFLOWS



workFLOWS
bring a
convenient kit
**for entire
research
workflows in
one convenient
package**

WORKFLOW PACKAGES ARE
AVAILABLE FOR:

- AGAROSE GEL
ELECTROPHORESIS
- CHEMILUMINESCENT
WESTERN BLOTS
- FLUORESCENT WESTERN
BLOTS



AGAROSE GEL ELECTROPHORESIS



midIAGAROSE

workflow

- includes multiSUB Choice electrophoresis system, powerPRO 300 power supply, agarose gel reagents and gelONE all-in-one imaging system
- Everything required, to go from gel loading to gel imaging and quantification

The ultimate all in one package for agarose gel electrophoresis, the gelONE workflow package simplifies routine agarose gels with its intuitive touchscreen interface. The multiSUB choice gel tank is injection moulded to eliminate potential leaks, and each platinum electrode is recessed within a removable cassette for added protection from damage.

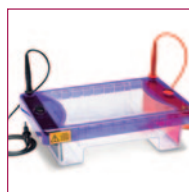
The powerPRO300 power supply can be run in simple constant modes or programmed to your requirements. Pre-set protocols for all Cleaver Scientific gel tanks make getting started simple and straightforward.

The gelONE imaging system features a built in touch screen that controls an intuitive acquisition software. No external PC is required, and gels can even be annotated using the built in software. Additional analysis software is included license free for as many PC's as you require.



for full specifications see the Thistle Scientific website

What's included?



Gel Tank



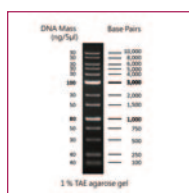
Power Supply



TAE Buffer



runSAFE DNA Stain



DNA Ladder



100g Agarose



Gel Scoop



gelONE

ORDERING INFORMATION

GELONEPACK

Complete gel documentation kit including gelONE gel documentation system, multiSUB Choice agarose gel tank, reagents and accessories.



miniAGAROSE workflow

- Includes multiSUB Midi electrophoresis system, powerPRO 300 power supply, agarose gel reagents and gelUTE imaging system
- Everything required, from gel loading to gel imaging and quantification with up to 100 samples

What's included?



Gel Tank



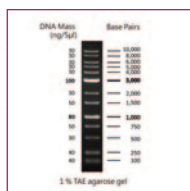
Power Supply



TAE Buffer



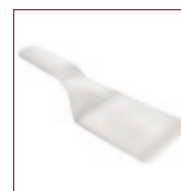
runSAFE DNA Stain



DNA Ladder



100g Agarose



Gel Scoop



gelLITE



ORDERING INFORMATION

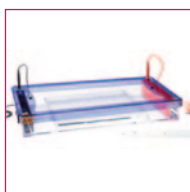
GELLITEPACK Complete gel documentation kit including gelUTE gel documentation system, multiSUB Midi agarose gel tank, reagents and accessories.



maxiAGAROSE workflow

- Includes multiSUB Screen electrophoresis system, powerPRO 500 power supply, agarose gel reagents and gelPRO imaging system
- A huge maximum sample limit of 672
- gelPRO can be upgraded to chemiluminescence for western blot imaging

What's included?



Gel Tank



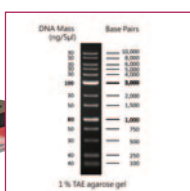
Power Supply



TAE Buffer



runSAFE DNA Stain



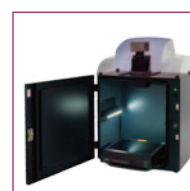
DNA Ladder



100g Agarose



Gel Scoop



gelPRO



ORDERING INFORMATION

GELPROPACK Complete gel documentation kit including gelPRO gel documentation system, multiSUB Screen agarose gel tank, reagents and accessories.

WESTERN BLOTTING



miniWESTERN

workflow featuring chemiPRO

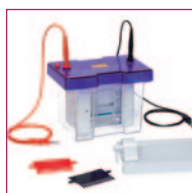
- Includes omniPAGE Mini electrophoresis system, powerPRO 3AMP power supply, mini semi-dry blotter, PAGE and blotting reagents and chemiPRO imaging system.
- Only additional materials are antibodies, methanol and acrylamide or precast gels to complete the workflow

The chemiPRO workflow package includes everything required to take a mini gel from sample loading to quantified ECL Image. The omniPAGE Mini vertical gel tank runs up to 4 hand cast gels and works perfectly with the wide range pre-stained protein ladder. The powerPRO 3AMP power supply runs both the gel tank, and semi-dry blotter. Included are reagents and accessories for blotting, including a blot roller, PAGE running buffer, PVDF or nitrocellulose membrane, single-step blocking solution and high sensitivity ECL substrate. The chemiPRO imaging system has the option of being upgraded to include RGB and IR fluorescence lighting. With a large imaging area, up to 4 mini blots can be imaged simultaneously. All software is included making this a truly complete western blotting workflow system.



for full specifications see the Thistle Scientific website

What's included?



PAGE Tank



Power Supply



Protein Ladder



PAGE Buffer



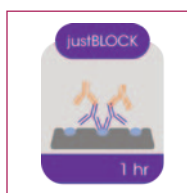
Semidry Blotter



PVDF Membrane



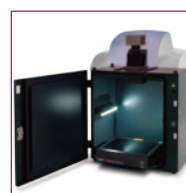
Blotting Paper



Blocking Buffer



ECL Substrate



chemiPRO Imager

ORDERING INFORMATION

WESTERNFLOWPROMINI

Complete Mini Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system.

WESTERNFLOWPROMINIRGB

Complete Mini Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system. RGB Module Included



maxiWESTERN

workflow featuring chemiPRO



- Includes omniPAGE Maxi electrophoresis system, powerPRO 3AMP power supply, Maxi semi-dry blotter, PAGE and blotting reagents and chemiPRO imaging system
- Optional RGB module for imaging fluorescent antibodies and dyes
- UV transilluminator included

What's included?



PAGE Tank



Power Supply



Protein Ladder



PAGE Buffer



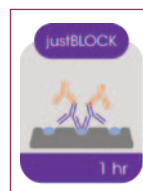
Semidry blotter



PVDF Membrane



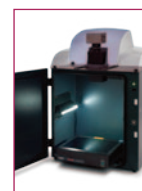
Blotting Paper



Blocking buffer



ECL Substrate



chemiPRO Imager

ORDERING INFORMATION

WESTERNFLOWPROMAXI	Complete Maxi Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system
WESTERNFLOWPROMAXIRGB	Complete Maxi Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system. RGB Module Included



miniWESTERN

workflow featuring chemiLITE



- Includes multiSUB Screen electrophoresis system, powerPRO 500 power supply, agarose gel reagents and gelPRO imaging system
- A huge maximum sample limit of 672
- gelPRO can be upgraded to chemiluminescence for western blot imaging

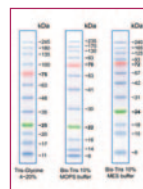
What's included?



PAGE Tank



Power Supply



Protein Ladder



PAGE Buffer



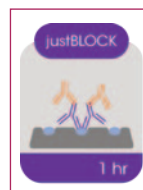
Semidry Blotter



PVDF Membrane



Blotting Paper



Blocking Buffer



ECL Substrate



chemiLITE Imager

ORDERING INFORMATION

WESTERNFLOWLITE	Complete Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiLITE chemiluminescence imaging system
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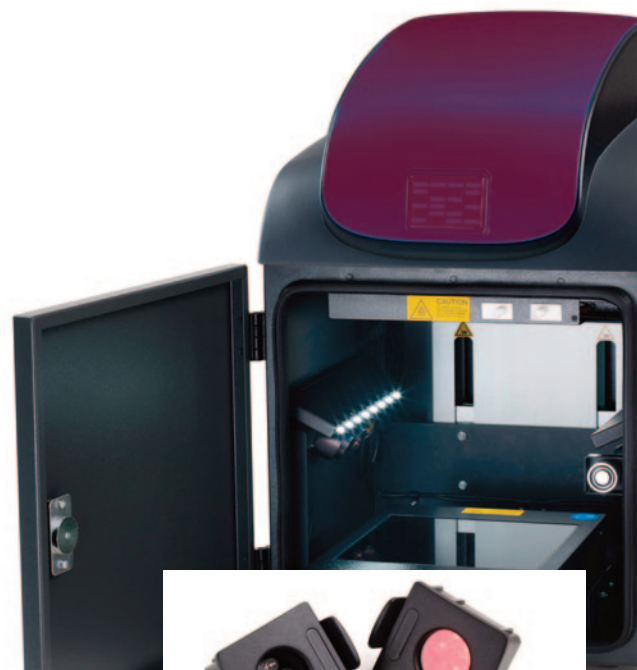
WESTERN BLOTTING



workflow featuring chemiPRO XS

- Maximum sensitivity and resolution for mini western blots
- Package includes all essential equipment from gel running to image quantification
- UV transilluminator included for gel documentation applications
- Includes reagents start-up kit with ECL substrate and blocking buffer
- Acquisition and analysis software included license free

The chemiPRO XS workflow package features the highest sensitivity western blotting camera in the range. With a massive 6 megapixel resolution, close and faint bands can easily be visualised quickly and quantitatively. This workflow packages features everything required to go from gel casting to image quantification. The omniPAGE mini vertical gel tank runs up to 4 hand cast gels and works perfectly with the wide range pre-stained protein ladder. Commercial precast gels can also be used. The powerPRO 3AMP power supply runs both the gel tank, and semi-dry blotter. Included are reagents and accessories for blotting, including a blot roller, PAGE running buffer, PVDF or nitrocellulose membrane, single-step blocking solution and high sensitivity ECL substrate. The chemiPRO XS features a cooled CCD camera, full motorised stage and filter wheel and the option to upgrade with an RGB module to enable fluorescent blot imaging.



RGB lighting available



for full specifications
see the Thistle Scientific
website

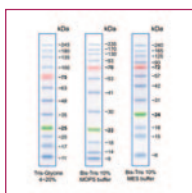
What's included?



PAGE Tank



Power Supply



Protein Ladder



PAGE Buffer



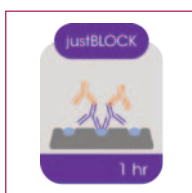
Semidry Blotter



PVDF Membrane



Blotting Paper



Blocking Buffer



ECL Substrate



chemiPRO XS Imager

ORDERING INFORMATION

WESTERNFLOWXS

Complete Mini Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XL chemiluminescence imaging system

WESTERNFLOWXSRGB

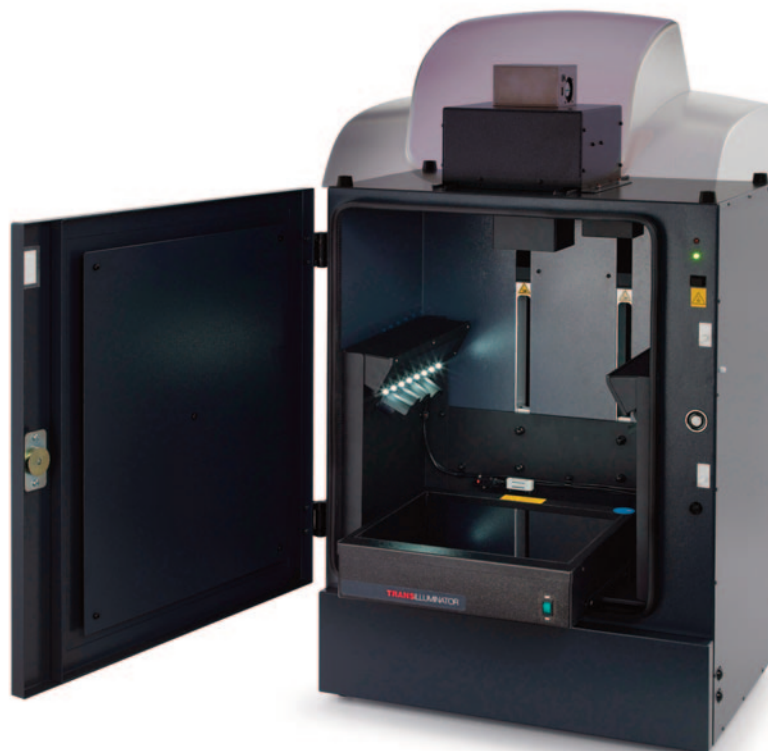
Complete Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XS chemiluminescence imaging system. RGB Module Included



workflow featuring chemiPRO XL

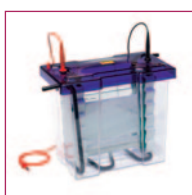
- The ultimate western blot imaging system, combined with the highest quality electrophoresis equipment
- Huge 30 x 22 cm imaging area with a 6 megapixel image

The chemiPRO XL is our top of the range imaging system and makes a perfect complement to our omniPAGE vertical electrophoresis systems and semi-dry blotters. chemiPRO XL features fully automated image acquisitions for gels, blots and a whole range of fluorescent applications when equipped with the optional RGB and IR modules.



RGB and IR Modules enable imaging of even more sample types, including fluorescent antibodies, colony plates, GFP plants and more

What's included?



PAGE Tank



Power Supply



Protein Ladder



PAGE Buffer



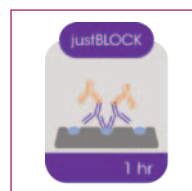
Semidry Blotter



BPVDF Membrane



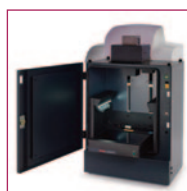
Blotting Paper



Blocking Buffer



ECL Substrate



chemiPRO XL Imager

ORDERING INFORMATION

WESTERNFLOWXLMINI	Complete Mini Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XL chemiluminescence imaging system.
WESTERNFLOWXLMAXI	Complete Maxi Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XL chemiluminescence imaging system.
WESTERNFLOWXLMINIRGB	Complete Mini Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XL chemiluminescence imaging system. RGB Module Included
WESTERNFLOWXLMAXIRGB	Complete Maxi Western Blotting workflow solution including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XL chemiluminescence imaging system. RGB Module Included



TECHNICAL SPECIFICATION



SYSTEM	CHEMILITE	CHEMIPRO XS 6/9	CHEMIPRO	CHEMIPRO XL	
				6	9
IMAGE RESOLUTION	4 MP	6/9.1 MP	4 MP	6/9.1 MP	
BIT DEPTH	16 Bit	16 Bit	16 Bit	16 Bit	
DYNAMIC RANGE	4.8 OD	4.8 OD	4.8 OD	4.8 OD	
LENS	F0.95	F0.95	F1.2	F0.80	F0.95
SAMPLE SIZE (CM)	11x8	Max: 15x12 Min: 15.6x12.5	Max: 30.5x22.7 Min: 10x8	Max: 34.5x27.6 Min: 5.0x3.8	Max: 32.3x25.6 Min: 15x11.8
FILTER POSITION		7	7	7	
DIMENSIONS (HxWxD)	44x37.5x43cm	64x40x52cm	84x57x45cm	99x57x55cm	



SYSTEM	GELLITE	GELONE	GELPRO
IMAGE RESOLUTION	3 MP	5 MP	5 MP
BIT DEPTH	12/16 Bit	12/16 Bit	12/16 Bit
DYNAMIC RANGE	3.6/4.8 OD	3.6/4.8 OD	3.6/4.8 OD
LENS	F1.4	F1.2	F1.2
SAMPLE SIZE (CM)	20x20	20x24	Max: 32.5x24.1 Min: 5.6x4.2
FILTER POSITION	1	1	7
DIMENSIONS (HxWxD)	62x37.5x40cm	75x31 x45cm	84x57x45cm

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