

**PATERSON**®  
PHOTOGRAPHIC EQUIPMENT

**TRIPODS**  
**LIGHTING**  
**DARKROOM**

 **BENBO**®



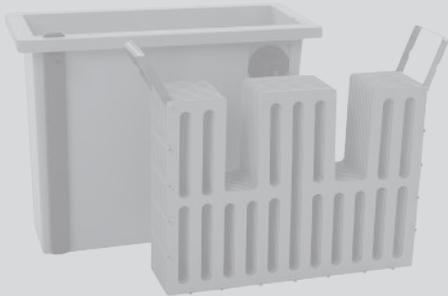
# PATERSON

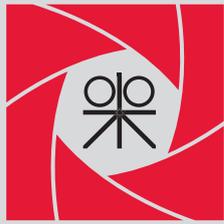
PHOTOGRAPHIC EQUIPMENT

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# DARKROOM





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PHOTOGRAPHIC EQUIPMENT

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## SUPER SYSTEM 4 DEVELOPING TANKS



Product Codes, Single Tank PTP114, Universal, PTP115

The Super System is simple to load, faster to fill and easier to clean than any other tank. It has a large diameter one piece lid and funnel which clips into place positively and securely, enabling the tank to be filled and emptied quickly.

The 35mm Tank (PTP114) takes a single 35mm film, the Universal tank (PTP115) takes two 35mm films or a single 120/220 film. The 35mm model is complete with one auto load reel and the Universal tank is complete with two auto load reels.

In-use:

Agitation of the processing solutions can be by inversion of the tank using the flexible water tight cap provided, or by rotary agitation using the agitation rod also provided.

In processing 300 ml of solution is required for a single 35mm film or 500ml for two 35mm and one 120 roll film.

It is essential that in use, the auto load reels are always used fixed onto the centre column provided. This ensures that the tank remains light tight during the processing cycle.

SEE ALSO:

PATERSON MULTI-REEL TANKS (PTP116,117 &118)

PATERSON AUTO-LOAD REELS (PTP119 &120)



## **SUPER SYSTEM 4 MULTI REEL DEVELOPING TANKS**



These tanks are supplied without reels so that a system best suited to the users needs can be built up.

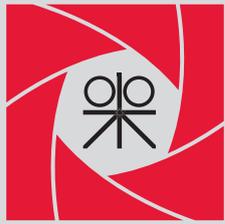
The Multi -reel 3: Takes up to three 35mm films, or two 120/220 films. (Code PTP116)

The Multi -reel 5: Takes up to five 35mm films or 3 120/220 films. (Code PTP117)

The Multi- reel 8: Takes up to eight 35mm films or five 120/220 films. (Code PTP118)

The Paterson Auto-Load reels are slid onto the appropriate centre column supplied with the tank. The reels are designed to grip the centre column and any number from one reel up to the tank maximum can be used. Care should be taken when inverse agitation is used with less than a full load of film and chemistry, as it can lead to over vigorous agitation of the chemistry.





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PHOTOGRAPHIC EQUIPMENT

## AUTO LOAD REEL



Product Code (Single) PTP119: (6 Pack) PTP120

Designed for use in the Paterson Super System 4 tanks. The reels are adjustable to accommodate 35mm, 127 and 120 film sizes.

The reels have a smooth finish to allow for free flow of solution and are equipped with a twin ball ratchet loading system that ensures easy loading of the film.

### In Use:

When adjusting the reel to accommodate different sizes of film hold one end of the reel in your left hand and the other end in your right hand. Then turn each end of the reel in opposite directions until the two part of the reel unlock. The two halves of the reel can now be slid apart until the correct width for the film to be processed is reached. Now turn each half of the reel in opposite directions to re-lock the two halves in the new position. With new reels the two halves may require extra pressure to unlock them, but this eases with use.

The reels are available singularly or in packs of Six.





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## CHANGING BAG



Product Code, PTP125

A changing bag is probably the most essential piece of equipment a photographer who shoots with film can carry. In the field having a changing bag to hand means that a jammed or partly exposed film can be safely removed from the camera and shooting can continue

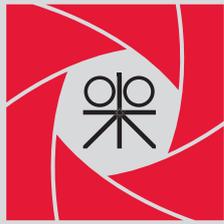
It will also allow a film to be loaded into a developing tank without having to first find a darkroom.

The Paterson changing bag is large enough to allow a camera back to be fully opened once inside or a film to be loaded into a tank.

It has a fail-safe double skin with a double closure and the inner lining is specially designed to avoid perspiration in prolonged use.

Size 685mm x 760mm





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PHOTOGRAPHIC EQUIPMENT

## FORCE FILM WASHER



Product Code PTP201

The Force Film Washer allows faster washing of film in around 5 to 10 minutes. Designed to fit into the top of all Super System 4 Tanks, it directs the flow of water down to the bottom of the tank, which in turn pushes the water already in the tank out through the top rim. This ensures rapid change of wash water, which assists the fast removal of the residual chemistry.

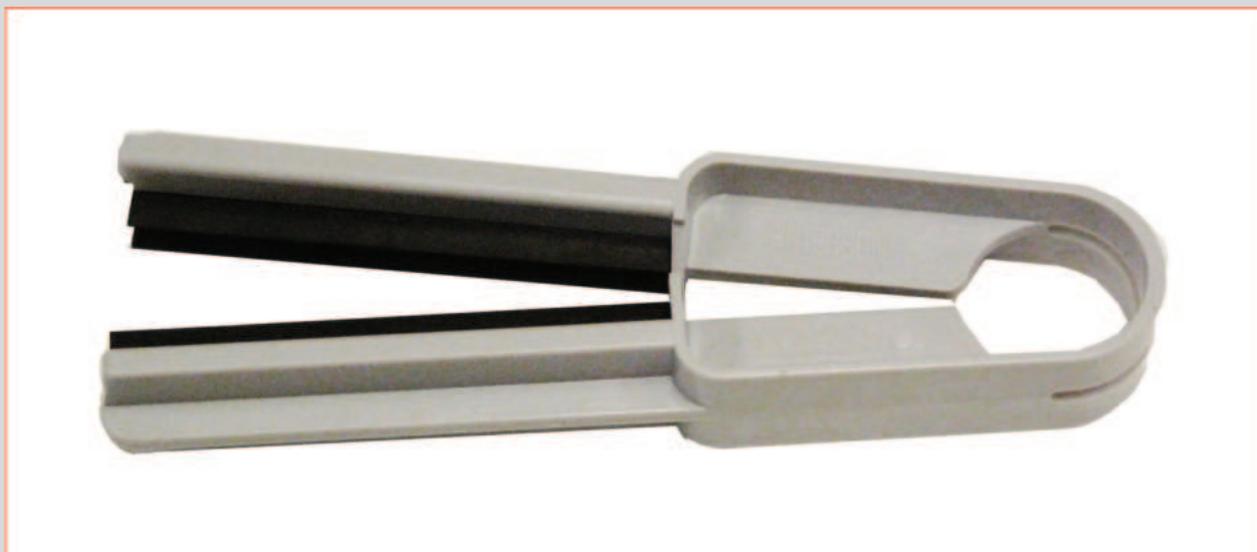




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## FILM SQUEEGEE

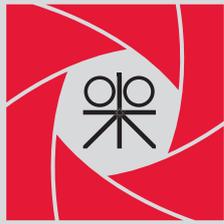


Product Code PTP211

Designed to remove excess water from the surface of a film before drying. The Squeegee has extra soft rubber blades that removes water droplets from the surface of the newly processed film. This prevents drying marks on the negatives.

For best results use a few drops of wetting agent in the final washing water.





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## FILM CLIPS



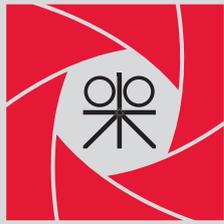
Product Code, PTP218

An essential accessory when drying film after processing. Both clips are spring loaded and have two spikes which firmly grip the film. One clip is weighted to ensure the film is held straight whilst the film dries.

See also:

Paterson Film Squeegee PTP211: This ensures the removal of water droplets that will cause drying marks on the film, if not removed.

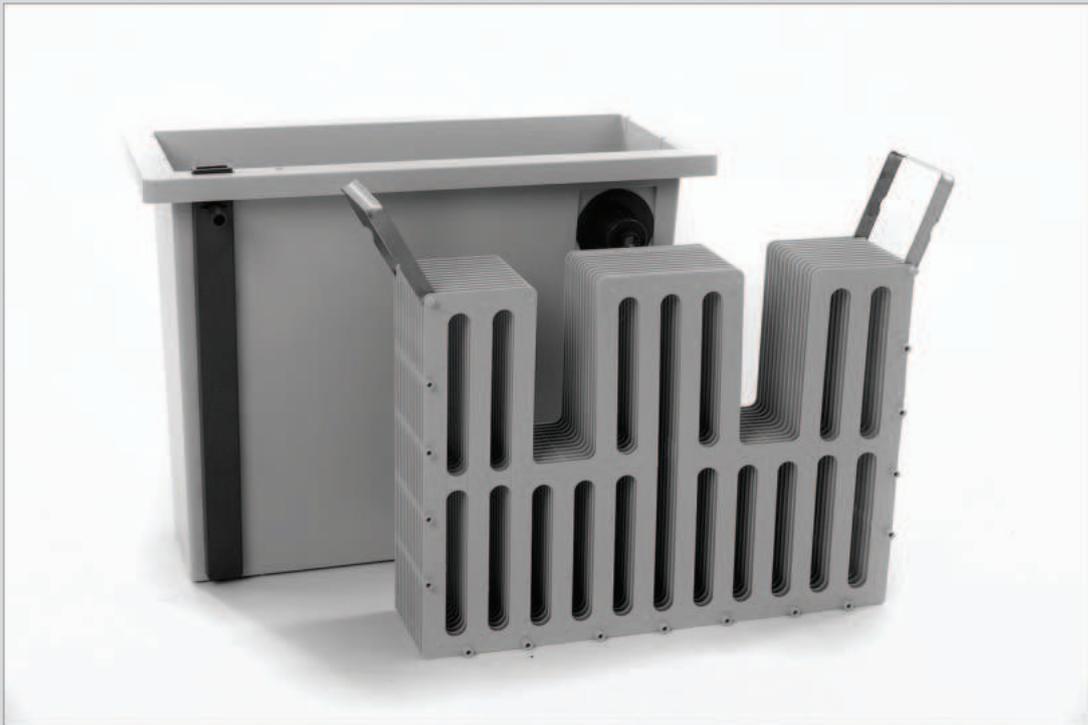




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PHOTOGRAPHIC EQUIPMENT

## AUTO PRINT WASHERS



Product Codes, Standard PTP231, Major PTP233

Designed to wash fibre-based papers that require longer washing time than RC type papers. The unique agitation system gently moves the print basket from side to side ensuring that the chemicals remaining in the paper base are fully removed.

The standard print washer will take up to twelve prints 10x12" (25.4x30.5cm) or 8x10" (20.3x25.4cm), or twenty four prints 5x7" (12x18cm) or smaller.

The major model handles 12 prints up to 12"x16" (30x40cm) or twenty-four prints up to 8"x10" (20.3"x25.4")

Each print is held separately in the basket allowing water to wash both sides of the print.

Agitation of the print basket is facilitated by water pressure that operates a pump device in the washer inlet. It is important that water pressure is carefully adjusted until the basket is gently moving backward and forward.



## HIGH SPEED PRINT WASHERS



Two models are available:

810 for prints up to 8" x 10" (20.3 x 25.4 cm) PTP235

1216 for prints up to 12" x 16" (30.5" x 40.6") PTP250

Designed to wash resin coated (RC/PE) papers, the turbulence of the water flowing across the print washer ensures that all chemicals are removed from the print being washed. Prints are washed in 2 to 4 minutes before being squeegeed and dried.

Smaller prints can be washed by using the clip in separators provided to divide the base of the washer into smaller sections.

Use with:

Rapid Print Drying Rack (Code, PTP258)

RC Print Squeegee (Code, PTP255)





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PHOTOGRAPHIC EQUIPMENT

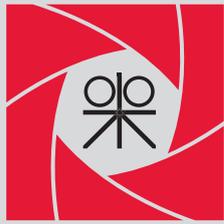
## CHEMICAL MIXER



Product Code, PTP245

The mixer is specially shaped for efficient stirring and it incorporates a particle crusher. It is invaluable when making up solutions either from liquid concentrates or from dry powdered chemicals.





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## RC PRINT SQUEEGEE



Product Code, PTP255

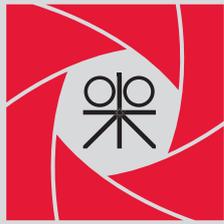
Specially designed to remove surplus water from both sides of prints made on resin coated paper for rapid and even drying.

The long soft rubber blades ensure that the surface of the prints are not damaged.

Suitable for prints up to 16x12" (40.6x50.8cm)

Ideal for use in conjunction with the Paterson Print Drying Rack. (PTP258)





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## PRINT DRYING RACK



Product Code, PTP258

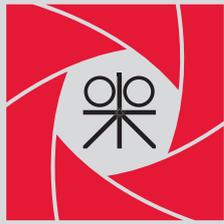
Designed to quickly dry prints made on RC Photographic paper. The rack allows free circulation of air around both sides of the prints.

Up to 5 prints 12x16" (30.5x40.6cm) or 10 prints 8x10" (20.3x25.4cm) or smaller can be dried in the rack at any one time.

Special separators ensure minimum contact with the surface of each print.

The rack can be used in conjunction with the Paterson RC Print Squeegee (PTP255) which will remove the surplus surface water from the prints before they are inserted in the rack.





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PHOTOGRAPHIC EQUIPMENT

## MEASURING GRADUATES

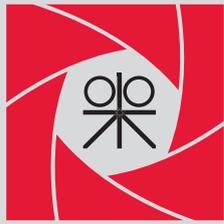


Paterson Graduates are made from transparent polystyrene moulded to ensure total accuracy. The markings are widely separated and are easy to read. They are resistant to most photographic chemicals.

Five sizes are available each calibrated in metric, Imperial and US scales.

- PTP301: 45ml,
- PTP302: 150ml
- PTP303: 300ml
- PTP304: 600ml
- PTP305: 1200ml





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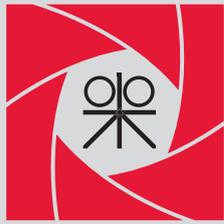
## FUNNEL



Product Code, PTP306

Moulded from polythene, the funnel is virtually unbreakable and is resistant to all photographic chemicals. It is specially designed with external ribs to prevent airlocks forming and to allow rapid pouring.

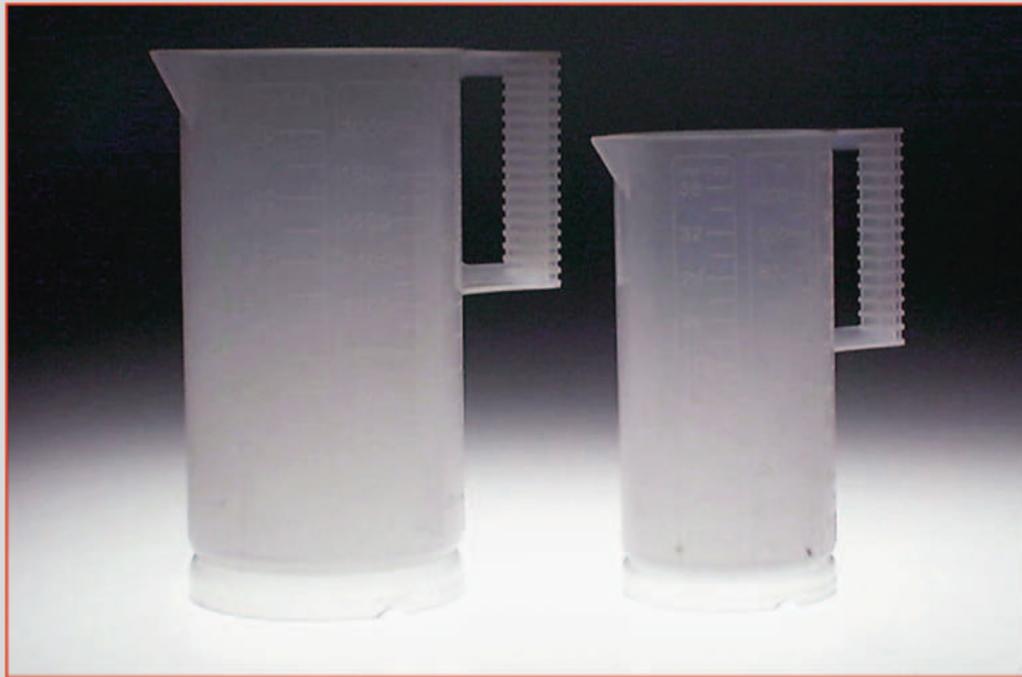




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## MIXING JUGS



Two Sizes available:  
1 Litre Product Code, PTP309  
2 Litre Product Code, PTP310

Moulded in tough polypropylene they are designed to make mixing and measuring easier. They are resistant to all photographic chemicals and they are both graduated in metric, Imperial and US scales. The moulded handles give a firm grip, even with wet hands.





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PHOTOGRAPHIC EQUIPMENT

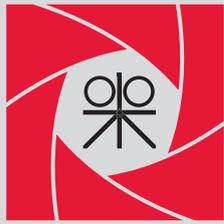
## WATER FILTER



Product Code, PTP317

The water filter ensure that any dust or other particles in the tap water used for washing film is removed. The 20 micron filter will remove most water borne dust and dirt. The filter can be used either on its own to provide filtered water for mixing chemistry, or together with the force film washer (PTP201) when washing film.





## DEVELOPING TRAYS

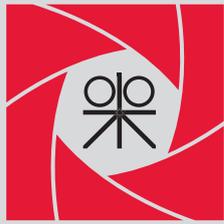


Available in six sizes from 5" x 7" ( 12.7x17.8 cm) to 20"x24" (50.8x60cm)  
They are injection moulded from thick polypropylene. The specially designed base ribbing gives both maximum stability and economy with processing solution. The moulding along one edge gives support to a thermometer allowing a constant check of solution temperature.  
The trays are available in three colours either singularly or in sets of three with one of each colour.

### Sizes Available:

Product Code's	Single Tray	Set of 3
5"x 7" (12.7x17.8cm)	PTP322	PTP332
8"x10"(20.3x25.4cm)	PTP324	PTP334
10"x12"(25.4x30.5cm)	PTP325	PTP335
12"x16"(30.5x40.6cm)	PTP326	PTP336
16"x20"(40.6x50.8cm)	PTP327	PTP337
20"x24"( 50.8x 60cm)	PTP328	PTP338 (White Only)





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## PRINT TONGS



Product Code, PTP341

Designed for handling printing paper during processing in trays.

Supplied as colour-coded sets. One White. One Dark Grey and One Red.

Each Tong has a textured side panel to provide a firm grip and deep shoulders to prevent them sliding into the tray of processing solution.

In use it is very important that each tong only enters the solution in the tray that the tong is allocated to. Other wise there can be carry over backwards from the fixer tray to the developer tray, causing chemical contamination.





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## THERMOMETERS



Paterson photographic thermometers are available in two types covering two temperature ranges.

**PTP 363:** Dual temperature range of 13C to 30C and 56F to 86F which is ideal for most black and white processing.

**PTP381:** A larger thermometer covering a temperature range of 15C to 65C or 60F to 150F



## FILM & PRINT PROCESSING KIT



Product Code, PTP572

The kit contains all the equipment that is required to process both 35mm and 120 roll films and prints up to 20.3 x 25.4cm (8"x10").

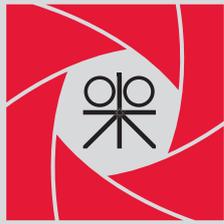
It is an ideal addition to the Paterson Universal Enlarger & 2000D Timer which together make up all of the equipment required to set up a darkroom.

The universal tank includes two auto load reels allowing two 35mm films to be processed at the same time.

3 colour coded developing trays handle up to 20.3 x 25.4cm printing paper. The different colours help to ensure that each tray is kept exclusively for each type of processing solution, thus avoiding contamination.

See also: Paterson Universal Enlarger PTP700/701/702  
Paterson 2000D Enlarger Timer PTP745





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PHOTOGRAPHIC EQUIPMENT

## FILM PROCESSING KIT



Product Code, PTP573

The kit contains everything required to process up to two 35mm films or one 120 roll film at a time.

Ideal for those photographers who wish to capture their images on film and then either have them printed commercially or make their prints digitally after scanning their negatives.

It can also form the basis of a complete darkroom, where more specialised equipment to cope with larger prints is required than that provided for in the Film and Print kit.



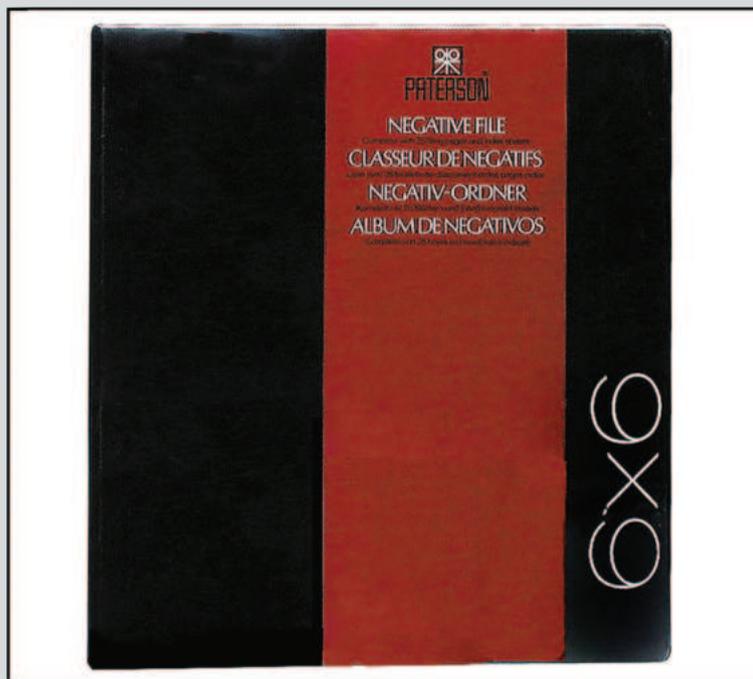




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PHOTOGRAPHIC EQUIPMENT

## VISUAL FILING SYSTEM



The safest and most practical way to store negatives. The smart ring binder is supplied with 25 negative filing sheets designed to hold the negatives in separate strips. Available in 35mm and 120 formats. Additional negative filing sheets are available in packs of 25.

### Product Code's

PTP611: Visual Filing System for 35mm film.

PTP612: Visual Filing System for 120 film.

PTP613: Pack of twenty five 35mm Filing Sheets.

PTP614: Pack of twenty five 120 Filing Sheets.



## CONTACT PROOF PRINTERS



Four models are available in this range of Contact Proof Printers:

**PTP619:** Designed to proof a complete roll of 35mm (36 Exposure) film on standard 8" x 10" (20.3 x 25.4cm) photographic darkroom paper.

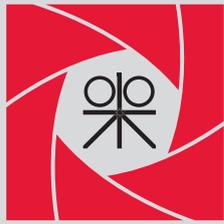
**PTP620:** Designed to proof a complete roll of 120 film on standard 8" x 10" (20.3 x 25.4) photographic darkroom paper.

**PTP621:** Designed to proof up to seven strips of six 35mm negatives onto a 24 x 30cm sheet of photographic darkroom paper.

**PTP623:** Is designed to contact print large negatives up to 10" x 12" (25.4 x 30.5cm) It can also be used to hold prints or other artwork flat for copying purposes.

In use the glass plate is hinged upwards and the negatives are positioned into the slots on the edges of the black mask fixed onto the under surface of the glass. The edge numbering on the film is visible through the mask allowing them to be printed onto the sheet of printing paper. A sheet of photographic printing paper is inserted emulsion side up into the contact printer. The foam pad ensures that the printing paper is in total contact with the negatives once the glass plate is clipped shut.





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PHOTOGRAPHIC EQUIPMENT

## MICRO FOCUS FINDER



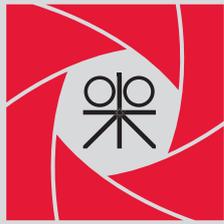
Product Code, PTP643

The Micro Focus Finder is designed to produce a highly magnified image of the picture that is being projected onto the enlarger baseboard. This allows the grain structure of the negative to be brought into sharp focus as the image is adjusted prior to exposure of the printing paper.

The eyepiece is adjustable for individual eyesight. This adjustment is made by carefully moving the eyepiece up and down while looking through it, until the cross hair built into the finder is seen to be sharp. The eyepiece is then locked into position using the locking screw provided.

A sliding shutter protects the internal mirror when the finder is not in use.





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## MAJOR FOCUS FINDER



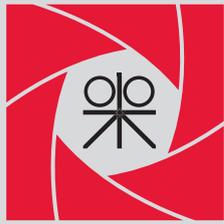
Product Code, PTP644

At over twice the size of the Micro Focus Finder, this taller instrument enables the enlarger controls to be reached comfortably when making large prints although it is equally suitable for use making smaller prints.

As with the Micro Focus Finder it is fully adjustable to individual eyesight.

Looking through the eyepiece the user sees the much enlarged grain structure of the negative. This allows very accurate focusing on the grain structure so ensuring very sharp prints.





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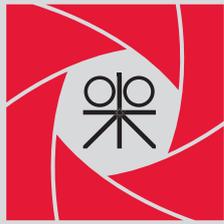
## SINGLE FORMAT EASEL



Product Code PTP682

The Single Format Easel provides a simple but effective way of holding a 10"x 8" sheet of printing paper flat on the enlarger baseboard. It also gives a neat white border around the print. The black frame helps to cut out reflections and the white focusing surface gives a bright image to help focusing.





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## UNIVERSAL ENLARGER



Product Code,PTP700

The Paterson Universal enlarger will handle negatives up to 6x6 cm. The all metal enlarger head can be moved up and down the angled column enabling prints up to 30 x40cm to be produced. For larger prints the head can be rotated through 90 degrees to allow projection of the image onto a wall. Alternatively the column can be rotated allowing the image to be projected onto the floor. The negative carrier comes complete with both 6x6cm and 35mm glassless masks.

The enlarger lens mount is a standard 39mm thread which will accommodate a wide range of lenses and it can be supplied with either a 50mm lens for use with 35mm negatives or a 75mm lens for use with 6x6 negatives.

A filter drawer in the lamp-house allows filters used for work with Variable Contrast papers to be inserted.

A red swing filter is provided under the lens to allow paper positioning without the paper being exposed to the projected image. This is swung out of position before exposure is made.





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## ENLARGER LENS



50mm Product Code PTP703



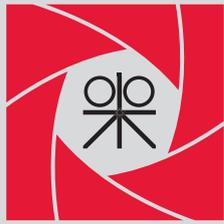
75mm Product Code PTP704

These competitively priced lenses are designed to produce excellent quality images.

The 50mm f4.5 lens is for use with negatives up to 35mm. The 75mm f3.5 lens should be used where 6x6cm negatives are being used.

Both lenses have a standard 42mm thread and are suitable for use with most makes of enlargers, including the Paterson Universal.





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## 2000D ENLARGER TIMER



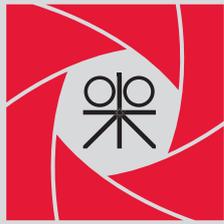
Product Code, PTP745

Mains operated digital timer for very accurate exposure timing when using an enlarger. The timer can be set in 0.1 second increments from 0.1 to 9.9 seconds, or in one second increments from 10 to 99 seconds. The display brightness can be adjusted to suit individual requirements. The timer is available in both 230 and 110 volt versions. Available with UK, American, Australian, and European Plug

The timer should be connected between the electricity supply outlet and the enlarger when the enlarger uses a mains voltage lamp. If the enlarger has a low voltage lamp operated from a transformer, the timer should be connected between the mains outlet and the transformer.

The time is set using the + or - buttons. Timing begins when the start button is pressed. The timing can be interrupted at any point by pressing the start button. Once the time set is reached the enlarger switches off and the previously set time is again set ready for a further exposure. If the timing cycle is interrupted the previously set time can be restored by pressing the reset button.





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## DARKROOM SAFELIGHT



Product Code,PTP760

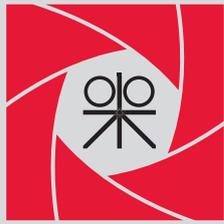
The Paterson Darkroom Safelight complete with its Red Dome can be safely used with all current types of silver based darkroom printing papers. It is also safe for dental X-Ray film.

In use the safelight can be hung on a wall or suspended from the ceiling. It is supplied complete with a 15 watt lamp and a mains lead and plug.

The safelight should be positioned at least a metre away from the working area. In the case of larger darkrooms more than one safelight may be required.

Available with UK, American, Australian and European Plug.

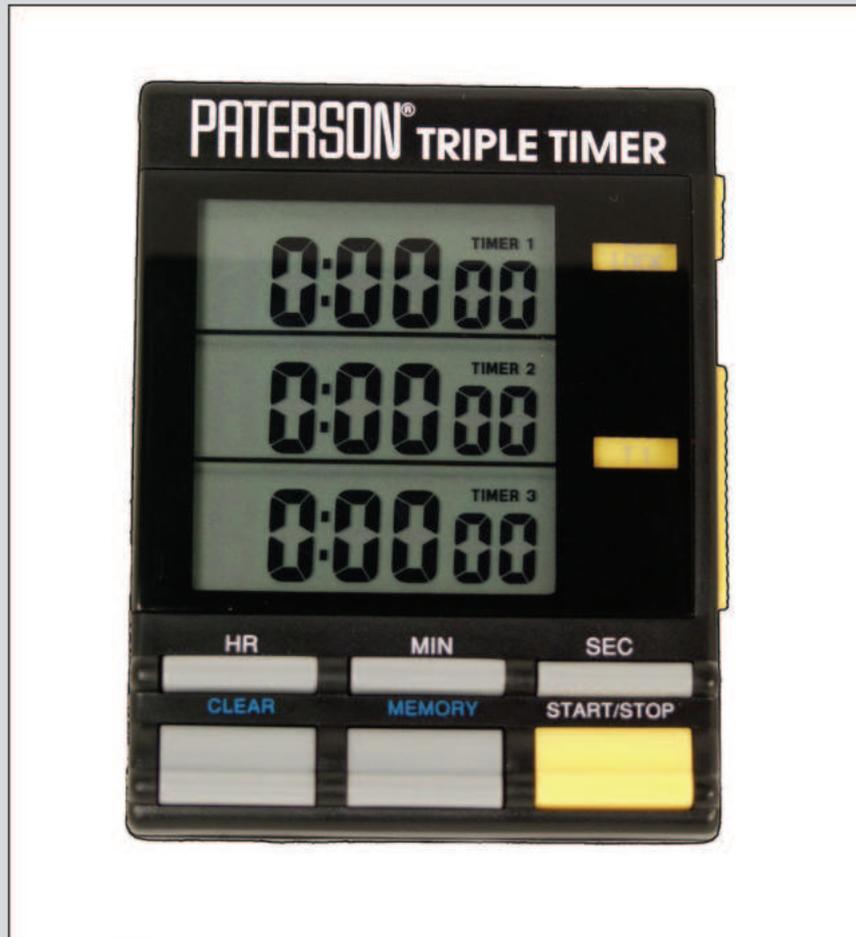




# PATERSON

PHOTOGRAPHIC EQUIPMENT

## TRIPLE TIMER



Product Code, PTP800

A battery operated timer that can be used as a clock, stop-watch or a three stage timer. The three countdown stages can be run simultaneously or as separately switched timers each counting up again after reaching zero.

The timer gives audible signals at the end of each time period.

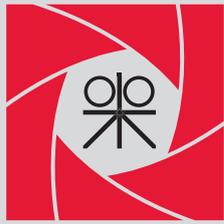
Times can be set up to 20 hours.

Stop-Watch measures to 1/100 second.

12 or 24 hour clock display

AAA Battery included.



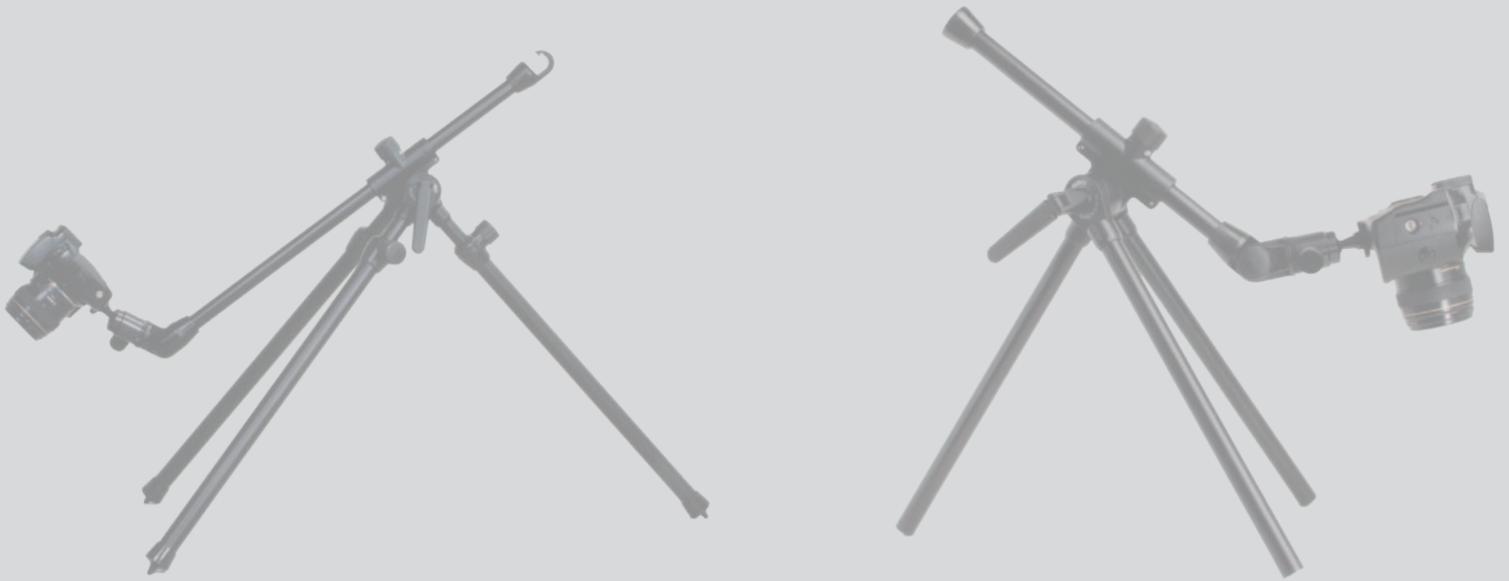


# PATERSON

PHOTOGRAPHIC EQUIPMENT

## DARKROOM SPARES

<b>Code</b>	<b>Part</b>	<b>Includes</b>
SPTP114	Column & Agitator	Centre column + Agitator Rod
SPTP115	Column & Agitator	Centre column + Agitator Rod
SPTP116	Column & Agitator	Centre column + Agitator Rod
SPTP117	Column & Agitator	Centre column + Agitator Rod
SPTP118	Column & Agitator	Centre column + Agitator Rod
SPTP110	Funnel & Lid	Tank Lid and Flexible Cap
SPTP109	Tank Agitator rods	Pack of two
SPTP231A	Hose Kit	Outlet & Inlet Hoses, Plug & Clip
SPTP231B	Pump	Complete Pump & Agitator
SPTP231C	Cradle Assembly	Complete Print Basket
SPTP233A	Hose Kit	Outlet & Inlet Hoses, Plug & Clip
SPTP233B	Thrust Unit & Agitator	Complete Pump & Agitator
SPTP233C	Cradle Assembly	Complete Print Basket
SPTP235	Spares Kit	Inlet & Outlet Hoses, Adapters and Separators
SPTP250	Spares Kit	Inlet & Outlet Hoses, Adapters and Separators
SPTP619	Lid Assembly 35mm	Glass complete with mask and hinge pins
SPTP619B	Base assembly	With Foam Pad
SPTP620	Lid Assembly 6x6/6x7	Glass complete with mask and hinge pins
SPTP619	Foam Pad	
SPTP621	Lid Assembly 35mm	Glass complete with mask and hinge pins
SPTP623	Lid Assembly Copy Board	Glass complete with hinge pins
SPTP623B	Base assembly	With Foam Pad
SPTP623A	Foam Pad	
PTP610	Enlarger Lamp	75 Watt Quartz Enlarger Lamp
PTP765	Safelight Dome	Orange Dome
PTP769	15Watt Lamp	15Watt Lamp
SPTP643	Eyepiece Assembly	Locking Screw



# **BENBO** **TRIPODS**





# PATERSON

PHOTOGRAPHIC EQUIPMENT

<b>Benbo Classic No1 &amp; No2 tripods</b>	<b>34-35</b>
<b>Benbo Trekker Tripod</b>	<b>36-38</b>
<b>Benbo Trekker Monopod</b>	<b>39</b>
<b>Benbo Ball &amp; Socket Heads</b>	<b>40</b>
<b>Benbo Spares</b>	<b>41</b>



**BENBO**



# PATERSON

PHOTOGRAPHIC EQUIPMENT

## ► BENBO CLASSIC No1 & No2 TRIPODS



Product Code's: BEN101, BEN102

Stability linked to versatility and weight are the prime considerations when choosing a tripod. For 35 years Benbo tripods have offered photographers a unique combination of these factors. The tubular aluminium construction of the legs offers the best possible combination of weight and rigidity. The tripod's unique, highly flexible main joint allows each leg to be independently positioned, allowing the camera to be positioned at almost any angle to the subject. Whether used in the standard tripod configuration with the centre column vertical or down on the ground with the legs splayed out, or even with one leg pointing upwards finding support from a tree or a wall, Benbo tripods can always be relied upon to give complete stability.

The Benbo No 1 and 2 heavy-duty tripods offer great stability and are capable of supporting the heaviest of cameras and lenses. Both are constructed from the same tough aluminium tubing with the No2 tripod offering extra height with its longer legs. The double ended centre column offers a choice of standard 3/8" or 1/4" fixing for ball & socket heads.



## Benbo Classic Sizes and Product Codes:

The Benbo Classic is available in two sizes. Both use the same diameter leg tube but the leg and Centre Column length of the No2 is longer giving a much greater elevation to the tripod when fully extended. The No1 tripod will cover the requirements of most photographers. The No2 tripod is ideal for those photographers who require the extra elevation or the longer reach of the centre column when it is extended in the horizontal position,

Classic Tripods	Code	Extends to	Closes To	Weight
Benbo 1	BEN101	1.57m (62")	0.84m (33")	3.4kg (7.5 lbs)
Benbo 2	BEN102	2.56m (101")	1.14m (45")	3.75kg (8.27 lbs)
Benbo 1 Kit	BEN101C	Includes Pro Ball & Socket Head and Carry Bag		
Benbo 2 Kit	BEN102C	Includes Pro Ball & Socket Head and Carry Bag		

## Benbo Tripods in use:

For ease of setting up a Benbo tripod, first extend each leg to the required length. Then loosen the locking lever allowing each leg to be swung outwards. Grip the two outer legs, one in each hand and whilst holding them slightly apart, put the central legs foot onto the ground and then swing the two outer legs to the required position. The locking lever should then be tightened.

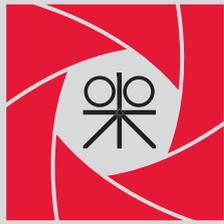


## Benbo Classic Kits:

Both the No1 & 2 Tripods can be supplied as a complete kit, which includes the tripod, Pro Ball Head and a Carry Bag.

Benbo Tripods are manufactured in Paterson's own UK factory.





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## ► BENBO TREKKER TRIPOD

A light weight version of the Classic number one tripod ideal for use where the tripod needs to be carried greater distances.

The latest version of this award winning tripod incorporates geared faces on the main joint components, ensuring that the joint can be locked firmly without undue tightening of the locking handle. The newly designed leg head castings allow the legs to be folded compactly when transporting the tripod.



The flexibility of the leg joint mechanism combined with the ability to swing the centre column through 180 degrees, allows the camera to be positioned at almost any point relative to the tripod legs.



Use conventionally



Get close to ground level.



Weight and stability go hand in hand. A hook at the bottom of the centre column allows camera bag or other weight to be attached when greater stability is required.



Choice of camera mount:  
Fixed or Swivel head





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## ► BENBO TREKKER TRIPOD



Trekker MK3



Compact Trekker



Mini Trekker

The Trekker Tripod is available in three different sizes:

The BEN107 Is the standard size having the same height when fully extended as the heavier Benbo No1 Classic Tripod.

The Compact Trekker is a shorter version, designed to pack into a standard suitcase making it ideal when travelling.

The Mini Trekker is designed for low level photography making it ideal when photographing plants flowers or still life. It has short one piece legs.

### Model Dimensions:

Model	Code	Extends to	Closes to	Weight
Trekker MK3	BEN107	1.6m	0.76m	2kg
Compact Trekker MK3	BEN106	1.14m	0.62m	1.6kg
Mini Trekker	BEN108	71cm	55cm	1.5kg
Trekker MK3 Kit	BEN107C	Includes Mini Ball & Socket Head and Carry Bag		
Trekker Compact Kit	BEN106C	Includes Mini Ball & Socket Head and Carry Bag		



## ► **BENBO TREKKER TRIPOD**



### Benbo Tripods in use:

For ease of setting up a Benbo tripod, first extend each leg to the required length. Then loosen the locking lever allowing each leg to be swung outwards. Grip the two outer legs, one in each hand and whilst holding them slightly apart, put the central legs foot onto the ground and then swing the two outer legs to the required position. The locking lever should then be tightened.

Benbo Tripods are manufactured in Paterson's own UK factory.





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## ► BENBO TREKKER MONOPOD



Product Code: BEN109

This two-section mono-pod utilises the 180° tilting camera mount from the Trekker tripod, making it one of the most versatile mono-pods on the market. The tilting mount allows the camera to be used in both landscape and portrait modes without the need of an additional ball and socket head.

## 5 IN 1 TRIPOD / LIGHTING ADAPTER



- Camera spigot for your photography setups.
- Aluminium with black anodised surface.
- Solid and durable,
- Can be used with Umbrella Holder, Swivel Light Stand, Tripod, Monopod, Quick Release and more.

Product Code: BEN408



## ► BENBO BALL & SOCKET HEADS

Manufactured in the UK these high quality Ball & Socket Heads are engineered to give a lifetime of service.



**BEN299 Mini Ball Head**

The Mini Ball & Socket head is ideal for use on the Trekker Tripod. The single locking knob allows camera movement in all directions.



**BEN300 Mini Ball Head with Revolving Base**

Similar in size to the Mini Ball & Socket head but with the addition of a revolving base, which is adjusted and locked by a separate knob.



**BEN306 Professional Ball & Socket Head**

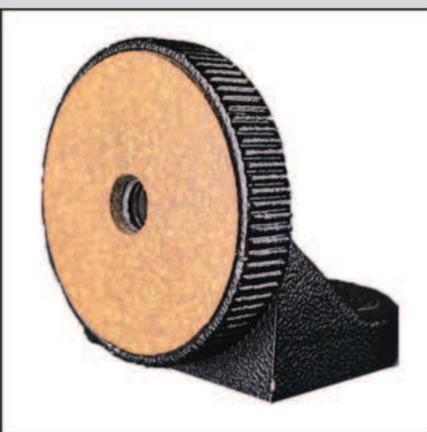
A highly specified ball & socket head with a 29mm ball capable of supporting full frame DSLRs and Medium Format cameras even when equipped with long lenses.

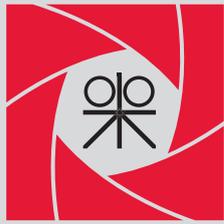
In addition to the main ball locking knob there is also a small additional knob that allows the ball movement to be tensioned to suit the weight of the camera. A third small knob separately locks the revolving base. 3/8" Base Thread.



**BEN407 90° Angle Plate**

Enables a Ball & Socket Head to be fitted at 90° to the centre column, making it more useful for copying or ground level use. One of the smallest, yet probably the most useful of all Benbo accessories.





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## **BENBO SPARES**

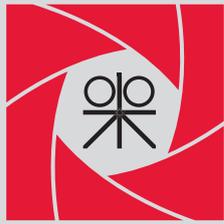
<b>Code</b>	<b>Description</b>	<b>Includes</b>
<b>Trekker</b>		
SBEN107A	Handle & Bent Bolt Kit	Washers, Spring Washer & Nut Cover
SBEN107B	Leg / Centre Column Knob	Complete with Brake Pad & Nut
SBEN107C	Centre Column Casting Assembly	Casting + Centre Column Knob
SBEN107D	Leg Assembly MK1 & 2 Trekker	Complete
SBEN107H	Outer Leg Assembly MK3 Trekker	Complete
SBEN107J	Inner Leg Assembly MK3 Trekker	Complete
SBEN107E	Pack of 3 Feet	
SBEN107F	Centre Column Old Style C/Mount	Fits both MK1 and MK2 Trekker
SBEN107G	Centre Column With Pivot & Hook	Fits both MK1 and MK2 Trekker
<b>Benbo 1 &amp; 2</b>		
<b>Common Parts</b>		
SBEN110A	Handle & Bent Bolt Kit	Washers, Spring Washer & Nut Cover
SBEN110B	Centre Column Knob	Brake Pad & Nut
SBEN110C	Leg Knob	Brake Pad & Nut
SBEN110D	Pack of 3 Feet	
SBEN110E	Centre Column Casting	Casting + Centre Column Knob
<b>Benbo No1</b>		
<b>Unique Parts</b>		
SBEN101A	Leg Assembly	Complete Leg
SBEN101B	Centre Column with mounts	Tube with Camera Mounts
<b>Benbo No2</b>		
<b>Unique Parts</b>		
SBEN102A	Leg Assembly	Complete Leg
SBEN102B	Centre Column with mounts	Tube with Camera Mounts
<b>Ball &amp; Socket</b>		
<b>Heads Compact</b>		
SBEN299A	Ball Locking Knob	
SBEN300A	Revolving Base Knob	
<b>Pro Ball Head</b>		
SBEN306A	Ball Locking Knob	
SBEN306B	Revolving Base Knob	
SBEN306C	Friction Knob	



# PATERSON

S T U D I O L I G H T I N G





# PATERSON

PHOTOGRAPHIC EQUIPMENT

<b>EL Kit Range</b>	<b>42</b>
<b>SL Range</b>	<b>43</b>
<b>SL Kit Range</b>	<b>44</b>
<b>Super Series Fluorescent Heads</b>	<b>45</b>
<b>Lighting Accessories</b>	<b>46-47</b>



**LED LAMP - LIT400**

## EL RANGE

The Paterson EL range of continuous lighting is ideal for the amateur photographer looking for an entry level lighting head at an affordable price. Each lighting head plugs straight into the mains supply and comes with a choice of reflector sizes and Lamps to suit all requirements. Kits of two are also available which include a free Paterson carry bag.



**30cm  
Extended**

**30cm  
Standard**

**19cm  
Extended**

Each lighting head comes with an air cushioned stand, power lead and lamp of your choice

EL Kits of 2 are also available and come with an additional Paterson Kit Bag and Shower Cap\*

### SINGLES

	19cm Extended	30cm Standard	30cm Extended
LED	EL001	EL002	EL003
TUNGSTEN	EL011	EL012	EL013
FL 30W	EL021	EL022	EL023
FL 70W		EL032	EL033

### KITS

	19cm Extended	30cm Standard	30cm Extended
LED	EL001K	EL002K	EL003K
TUNGSTEN	EL011K	EL012K	EL013K
FL 30W	EL021K	EL022K	EL023K
FL 70W		EL032K	EL033K



**LED  
21W  
White &  
Orange light  
(LIT400)**



**TUNGSTEN  
500w  
Orange light  
only  
(LIT001)**



**Fluorescent  
35w  
White light  
only  
(LIT008)**



**Fluorescent  
70w  
White light  
only  
(LIT007)**



\*Shower cap is only available with 30cm reflectors



## SL RANGE

The Paterson SL range of continuous lighting was developed for the Professional Photographer desiring a more robust and reliable UK manufactured product. The Lighting head was designed around the 'S' type bayonet reflector fitting therefore can accommodate almost all Reflectors, Soft boxes and other accessories to ensure the correct light modification. All lighting heads come with a reflector and Lamp of your choice together with an air cushioned Paterson stand and power lead. Umbrellas can also be used with all lighting heads. Lighting is controlled with a simple on/off button on the back of the unit.



**19cm  
Standard**



**19cm  
Narrow Beam**



**30cm  
Extended**



**30cm  
Standard**

	19cm Standard	19cm Narrow Beam	30cm Standard	30cm Extended
LED	SL001	SL002	SL003	SL004
TUNGSTEN	SL011	SL012	SL013	SL014
FL 30W	SL021	SL022	SL023	SL024
FL 70W		SL033	SL034	SL035
FL 135W			SL043	SL044

Each lighting head comes with an air cushioned stand, power lead and lamp of your choice



**LED  
21W  
White &  
Orange light**



**TUNGSTEN  
500w  
Orange light  
only**



**Fluorescent  
35w  
White light  
only**

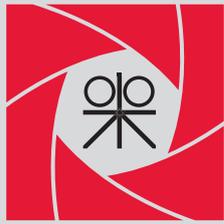


**Fluorescent  
70w  
White light  
only**



**Fluorescent  
135w  
White light  
only**





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## SL KITS

	19cm Standard	19cm Narrow Beam	30cm Standard	30cm Extended
LED	SLK001	SLK002	SLK003	SLK004
TUNGSTEN	SLK011	SLK012	SLK013	SLK014
FL 30W	SLK021	SLK022	SLK023	SLK024
FL 70W		SLK032	SLK033	SLK034
FL 135W			SLK043	SLK044

Each kit comes with 2 lighting heads comes with 2 air cushioned stands, 2 power leads, 2 reflectors, 2 lamps and a carry bag

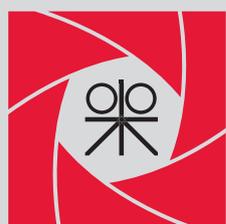
	Umbrella	Umbrella / Softbox	Softbox
LED	SLK005	SLK006	SLK007
TUNGSTEN	SLK015	SLK016	SLK017
FL 30W	SLK025	SLK026	SLK027
FL 70W			SLK037
FL 135W			SLK047

Each kit comes with 2 lighting heads comes with 2 air cushioned stands, 2 power leads, 2 lamps, a carry bag and accessories of your choice\*



**\*Every Umbrella comes with a 19cm reflector.**





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## SUPER SERIES

For days when more light power is required the Super series heads provide the answer. Available in 3 or 4 lamp versions all independently controlled on the lighting heads back panel. The multiple lamp versions also offer the unique soft box integral mounting ring allowing the soft box to be used in both portrait and landscape position without the need to remove and reattach the Soft box.



	3 Head	3 Head Kit	4 Head	4 Head Kit
LED	SS001	SSK001	SS002	SSK002
TUNGSTEN	SS011	SSK011	SS012	SSK012
FL 70W	SS031	SSK031	SS032	SSK032
FL 135W	SS041	SSK041	SS042	SSK042

Each lighting head comes with an air cushioned stand, power lead and lamps of your choice

All kits include 2 60/90cm heat resistant Softboxes and a Paterson carry bag

The addition of further accessories to the above kits will offer additional lighting effects.



## LIGHTING ACCESSORIES



### Reflectors

A range of 3 reflectors suitable for use on all 'S' type fitting Studio Lights including the Paterson Daylight Fluorescent Tungsten and Halogen models. They are also suitable for use on Studio Flash units with 'S' type bayonet fittings.

19CM Standard, 19CM Narrow Beam, 30CM Standard, 30CM Extended

### LIT319 Standard Softbox

A 60x90cm Heat Resistant Softbox designed for use on any of the Paterson lighting heads or on any studio flash head with an 'S' type bayonet reflector fitting. Supplied complete with an 'S' type speed ring.



## 5 IN 1 TRIPOD / LIGHTING ADAPTER



- Camera spigot for your photography setups.
- Aluminium with black anodised surface.
- Solid and durable,
- Can be used with Umbrella Holder, Swivel Light Stand, Tripod, Monopod, Quick Release and more.



Product Code: BEN408





# PATERSON

PHOTOGRAPHIC EQUIPMENT

## LIGHTING ACCESSORIES



### UMBRELLAS

Code LIT310:

90cm (36") White translucent umbrella  
Produces soft diffused shadows when the light is directed through or reflected from the umbrella.

Code LIT311:

90cm (36") White Reflective umbrella. The white reflective surface also produces a soft lighting effect but with slightly more defined modelling than the translucent model.

Code LIT313:

90cm (36") Silver umbrella with a second outer black skin. The outer black skin ensures that there is no loss of light through the inner silver skin so ensuring maximum performance.



Code LIT320: Carry Bag:  
Well padded the bag will hold up to 3 Paterson lighting heads, 3 stands plus accessories.  
Length 69cm, Height 41cm, Width 25cm.  
Supplied with 4 adjustable internal partitions.



Code LIT299:

4 section Air Cushioned light stand.  
Folded height 72cm  
Maximum height 220cm  
Leg spread 72cm  
Weight 1.5kg



LIT322 Table Top Studio  
Fully collapsible. The Table Top Studio is ideal for shooting Still Life and product pictures.  
Reversible white Gloss or Matt surface. Ht.60cm, W.55cm. D.51cm





DARKROOM

TRIPODS

LIGHTING

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