

Quality Assurance Products

Digit-X Densitometer

Xograph 'Digit-X' hand held densitometer with large easy to read digital display. Fibre-optic probe, automatic zero, freeze-hold facility, special circuitry ensures long battery life. Easy to calibrate and display, also shows 'low battery' warning symbol. Supplied with battery in a special heavy-duty carry case with instruction leaflet.



Sensit-X Sensitometer

Xograph 'Sensit-X' 21 step battery operated sensitometer suitable for use with blue and green sensitive film, automatic on/off and exposure functions, battery saving electronic circuitry, separate audible tones to denote exposure of either 'blue' or 'green' setting, no exposure if battery is too low thereby eliminating false exposures. Supplied with battery and instruction booklet.



Digital Thermometer

Xograph digital thermometer has an integral corrosion-resistant stainless steel probe protected by a removable plastic sheath. The large digital display gives readings to 1 decimal place. A button allows for instant readings or readings measured over a 10 second sampling period. Supplied with battery and instructions.



Darkroom Accessories

Pyramid Safelight Housing

For wall mounting. You will require an 8x10" filter (red for blue or green sensitive film) and a 15w clear bulb (not supplied). Your darkroom will need a lighting ceiling rose or electrical socket for power supply. Pull cord switching is recommended.



Ceiling Safelight Housing

Suspended on chains, you will require 2 filters (1 x 8x10" and 1 x 10x12") red or sepia and a 15w clear bulb (not supplied). Your darkroom will need a lighting ceiling rose or electrical socket for power supply. Pull cord switching is recommended.



Sepia or Red Safelight Filter

Available in sizes 8x10" or 10x12" to fit safelights as described above.

Mini Safelight

A compact moulded plastic safelight complete with filter, lamp bulb and moulded 3-pin plug for ceiling, wall or work bench mounting.



Actinic Marker

Used for printing patient information on a radiograph, prior to film processing. Details are typed or hand written on an I.D. slip and placed in the marker. The film is removed from the X-ray cassette following exposure and placed in the marker. The patient details are then exposed onto the film with light. Supplied with standard pad of I.D. slips (practice or surgery name can be pre-printed on name slips at extra cost).

Customer Returns Goods ordered incorrectly may be accepted for return providing seals are intact and the product and packaging undamaged. Damaged outer cartons must be retained for inspection. The customer is required to notify Xograph within 48 hours should our return policy need to be activated. Xograph will arrange for the collection of the goods, which must be adequately

re-packed for transit. There will be a £20.00 charge for all returns which are as a result of customer error. All products are sold under our standard terms and conditions. If you would like to receive a copy please contact us.

On-line Ordering Goods may be ordered on-line, by credit or purchasing card. Visit Xograph's new website www.xograph.com

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Diagnostic Imaging > Digital Radiography > Veterinary Expertise

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Company Profile

Xograph Imaging Systems is recognised in the industry as the UK's leading independent X-ray imaging equipment supplier. We are highly respected within our chosen markets for our professionalism, integrity and reliability.

We were one of the first of the imaging companies to achieve the prestigious BS EN ISO 9001 Certification and we received special praise for our quality system from the British Standards Institute.

In the past few years Xograph has received awards from the DTI and the Deputy Prime Minister for innovation, export and customer care.

Recently the company was honoured with both the Instrumentarium Imaging and Ziehm World Distributor of the Year Awards and also the Canon Millennium Award for the most outstanding digital radiography system distributor.

Xograph is a truly customer focused organisation, instilling from the very top of the organisation that the customer must always be the centre of our attention.

The veterinary division of Xograph Imaging Systems contributes a very active part in the overall success of the organisation. From humble beginnings, a comprehensive team of professional people has been developed to visit, discuss and meet the ever demanding imaging needs of the UK Veterinary profession.

Technology developed and proven in the human medical market is now finding its way into the veterinary field and together with training, support and state of the art equipment, Xograph Imaging is proving to be a major force in this fast developing marketplace.



Managing Director

X-Ray Film

Kodak MXB Blue Sensitive X-ray Film

A blue sensitive double-sided X-ray film, fast speed, for use with blue emitting intensifying screens, such as Xograph 'Fine-X', 'Speed-X' or 'Hi-Speed-X'. Intended for all general veterinary radiography. Can be developed in manual dip tanks or automatic film processors.

Kodak MXG Green Sensitive X-ray Film

A green sensitive double-sided, fast speed film, for use with green emitting 'Rare Earth' intensifying screens such as Xograph 'Green-X' G2, 4 or 8 speed screens. Can be developed in manual dip tanks or automatic film processors.

Kodak T Mat G Green Sensitive X-ray Film

A high contrast, green-sensitive film featuring outstanding resolution, its prehardened emulsion is suitable for either concentrate or rapid access chemicals. This emulsion is ideally suited for extremity radiography.

Kodak T Mat L Green Sensitive X-ray Film

A low contrast, green-sensitive film featuring outstanding resolution, its prehardened emulsion is suitable for either concentrate or rapid access chemicals. This emulsion is ideally suited for extremity radiography. Ideally suited for thorax radiography and extremities where soft tissue imaging is required. It is the ideal film where exposure control is difficult.

Kodak X-OMAT XUV UV Sensitive X-ray Film

A medium to high contrast, blue-sensitive film intended for general veterinary radiography. Ideally suited for use with ultraviolet screens. Can be developed in manual dip tanks or automatic film processors.

Kodak Min RS Single Sided High Definition X-ray Film

A green sensitive dual-emulsion film designed for use with a single intensifying screen. Employs two thin emulsions working in tandem to yield the highest possible tissue detail. Has wide processing tolerance when developed in manual dip tanks or automatic film processors.

Fuji HRE Green Sensitive X-ray Film

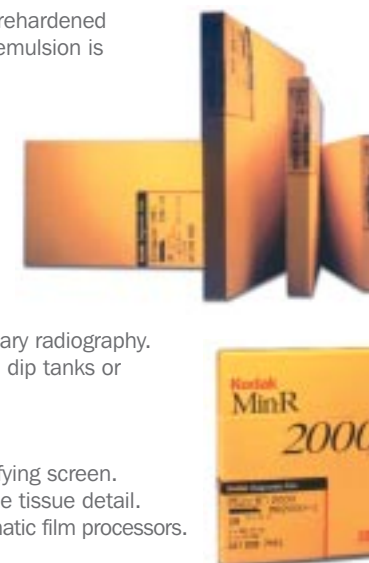
A green sensitive double-sided, fast speed film, for use with green emitting 'Rare Earth' intensifying screens such as Xograph 'Green-X' G2, 4 or 8 speed screens. Can be developed in manual dip tanks or automatic film processors.

Konica MG-SR Green Sensitive X-ray Film

A green sensitive double-sided, standard contrast wide latitude film, for use with green emitting 'Rare Earth' intensifying screens such as Xograph 'Green-X' G2, 4 or 8 speed screens. Suitable for angiography, extremity and soft tissue radiography. Can be developed in manual dip tanks or automatic film processors.

Film Storage Envelopes

White 20 gsm X-ray film storage envelopes. Printed ready to accept patient details. Suitable for storing up to 10 films. Available in sizes 24x30cm and 30x40cm.



Processing Chemicals

Xograph Concentrate Developer

A universal X-ray film developer designed for automatic film processors. The formulation offers long life and high stability. It is especially stable when processing emulsions with different characteristics such as a mix of general X-ray and mammography film. It is a two part solution requiring pre-mixing with water and does not require a starter solution.

Xograph 'Glu Free' Developer

A universal X-ray film developer containing no glutaraldehyde in its formulation. Designed for automatic film processors, it offers long life and high stability. It is a two part solution requiring pre-mixing with water and does not require a starter solution.

Xograph ready-to-use Developer

A universal ready-to-use developer that does not require any pre-mixing with water.

Xograph Hand Processing Developer

A universal two part developer concentrate for use with dip tank or tray processing.

Xograph Concentrate Fixer

A universal X-ray film fixer system for automatic film processing machines. It is almost odour free and contains a number of other unique features such as low sulphur dioxide emissions, very clean working and is readily introduced into existing systems. Requires pre-mixing with water.

Xograph ready-to-use Fixer

A universal ready-to-use fixer that does not require any pre-mixing with water.

Xograph Hand Processing Fixer

A universal fixer concentrate for use with dip tank or tray processing.



Cassettes

X-Ray Film Cassettes

These cassettes are constructed using hardened lightweight aluminium frames and front plates bonded together in a special process for added strength. Lead foil backing materials absorb unwanted radiation to give improved image quality. Hinges and springs are of strong stainless steel. The pressure pad is manufactured from special foam to provide a uniform level of film contact and a high resistance to crumbling. Fitted with easy to use sprung catches. Can be supplied with or without intensifying screens. Available in standard or deep fitting versions and all popular sizes.

Flexi-Cassettes

Durable plastic flexible cassettes with velcro closures. These are ideal for veterinary intra oral examinations. For use with conventional blue or green film. Requires two intensifying screens.



Intensifying Screens

Blue Emitting Screens

Calcium tungstate for use with blue sensitive film. These screens are supplied as pairs and are available in the following speeds:

Fine-X

A very fine detail calcium tungstate screen ideally suited to radiography of extremities where very fine bone detail is required.

Speed-X

A mid-speed calcium tungstate screen for general purpose use giving sharp images with the benefits of exposure reduction.

Hi-Speed-X

Our fastest and most popular calcium tungstate blue emitting screen. Using a very high speed calcium tungstate coating to ensure greatly reduced exposure times with minimal loss of resolution. Minimises patient movement.

Green Emitting 'Rare Earth' Screens

Greater dose reduction and improved image quality are the features of Green emitting 'Rare Earth' screens. They are available in the following speeds:

Green-X2 (G2)

A very fine detail screen suitable for extremity radiography giving very fine bone detail. This screen can be supplied individually for use with mammography film.

Green-X4 (G4)

A mid speed general purpose screen giving sharp images with improved exposure reduction.

Green-X8 (G8)

Using a very high speed phosphor coating ensures greatly reduced exposure times with minimum loss of resolution. Ideal for thorax radiography where minimum patient movement is paramount.



X-ray Grids

Available in a variety of specifications and film sizes including circular grids and bucky grids. Standard grids have aluminium spacing and aluminium outer covers in parallel or focused type. Specifications include ratios 6:1, 8:1, 10:1, 12:1, 30, 40 or 70 lines/cm. Special requirements can be supplied upon request.

Gridlids & Encasements

Gridlids

Designed to fix a stationary X-ray grid onto the front of a cassette during exposure. Gridlids are more cost effective than a grid-cassette, as now almost any type of cassette can become a grid-cassette. Gridlids will accept conventional and daylight cassettes and will provide added protection to fragile grids.

Grid Encasements

Consists of a clear, rigid, shatterproof 'Makrolon' envelope to accept most common sizes of stationary grid. Encasements are easy to clean and disinfect, offering a degree of protection against knocks or drops.

Sand Bags & Positioning Aids

Sand Bags

Loose filled with washable nylon outer covers. Available in 10 different sizes to suit most examinations.

Positioning Aids

Foam positioning aids in 7 shapes and sizes.

X-ray Equipment

Compact Vet APR X-ray System

A modern floor-mounted tube support X-ray system. This system is available in 10 different versions with high frequency X-ray generators, fixed or floating top tables, anatomical programming (APR) and lots more, including: 40 to 125kV, 10 – 320mA, 0.1 to 500mAs, 1ms to 5 seconds and rotating anode X-ray tubes. Automatic Exposure Control (AEC) is available as an option.

Full details on request.



SP Vet Portable X-ray Systems

A high-frequency portable X-ray unit ideally suited for small and large animal radiography. All units feature a dual focus (0.6/1.5mm) X-ray tube and are available in 4 different generator sizes:

- **SP Vet Hi Frequency Portable 1.4 kW**

40 to 80kV, 16 & 20mA, 0.1 to 64mAs, 0.0025 – 4.0s

- **SP Vet Hi Frequency Portable 2.0 kW**

40 to 100kV, 16, 20, 25, 32, 40mA, 0.1 to 100mAs, 0.0016 – 6.4s

- **SP Vet Hi Frequency Portable 3.2 kW**

40 to 100kV, 16, 20, 25, 32, 40, 50, 64mA, 0.1 to 50mAs, 0.005 – 3.2s

- **SP Vet Hi Frequency Portable 4.0 kW**

40 to 110kV, 5, 6.4, 8, 10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100mA, 0.1 to 200mAs, 0.001 – 10s

Full details of all these X-ray units and others from our medical range are available on request.



SP Vet Mobile Stand

A mobile stand for the portable X-ray unit, facilitating a variety of examinations down to floor level. Ideal for equine radiography.



Ceiling X-ray Support

A ceiling support system for the portable X-ray unit providing horizontal and lateral movements over a table. Ideal for small compact X-ray rooms where space is limited. Made to measure and subject to site survey.

X-ray Tables

A range of mobile radiolucent tables suitable for radiography with options for a moveable cassette tray with a stationary or a moving bucky grid.

Digital Imaging

DIRECT DIGITAL IMAGING SYSTEMS (DR)

Forget X-ray cassettes, film and processing chemicals! With a direct digital X-ray system, almost instantaneous X-ray image display is available. Distribution of X-ray images is fast and low cost – send them out by Email or on CD, or print an image from a PC if required.

RapidStudy EDR3 & EDR5

A ruggedised, compact, portable DR system displaying very high resolution X-ray images in less than 5 seconds after exposure and with just 6 seconds between exposures. Images can be enhanced, magnified and stored on the computer system. Ideal for equine radiography. Two versions are available, one with an imaging area of up to 23x29cm and the other, up to 35x43cm.



INDIRECT DIGITAL IMAGING SYSTEMS (CR)

Filmless systems that employ X-ray cassettes and re-usable phosphor imaging plates. Digital images are available to you after an automatic scanning process is performed on each image plate.

ProScan

A desktop CR system capable of handling up to 3 cassette sizes (18x24cm, 24x30cm and 30x40cm) and with an imaging plate scan time of 62 seconds. A quick erase process is performed on each plate prior to next use.

Full details of all digital imaging systems are available on request.



Automatic X-ray Film Processors

Compact X4 Automatic X-ray Film Processor

A very compact table top film processor. This is the ideal machine for even the largest veterinary practice. Featuring multi-speed film transport, processing film up to 43cm wide. It has a self fill device, full power saving features and is easy to maintain and keep clean. Can be bench-mounted or supplied with an optional mobile stand.



Mobile Stand

An optional stand for the Compact X4.

SRX-201 Automatic X-ray Film Processor

A deep tank processor for very high throughput.

Silver Trap

Each 'Silver Trap' consists of a clear housing and cartridge, which is connected to your fixer waste outlet. It traps residual fixer and then allows the resultant overflow to drain safely to the waste outlet.

Enviropac System

A complete waste management system incorporating 3 Silver Traps for fixer waste treatment/ silver recovery and an 'Epan' chamber for the treatment of used wash water and neutralisation of waste fixer and developer solutions. Includes a sampling port for local water authority testing.



Novomixer A40 Chemical Mixing unit

A simple and accurate method of managing the dilution of concentrate chemicals to ensure consistency. Takes the chore out of chemical mixing and eliminates spillage in the work area.

All X-ray equipment supplied by Xograph Imaging Systems conforms to the latest European Safety and Performance legislation, is fully CE marked and is also covered by our own comprehensive ISO 9001 quality standards.

Automatic film processors, that do not require a darkroom, can also be supplied.

Film Illuminators

High quality X-ray film illuminators with steel bodies, for wall or desk mounting. Four basic sizes are available. A 1-way viewer will comfortably hold one 35x43cm radiograph under its spring retaining bar. The 2-way, 3-way and 4-way are all multiples of the single system but with a single outer casing. A special version is available for recessed wall fitting.



An illuminator may be ordered with simple on/off switching, with dimmer switching, with a halogen spotlight and/or with dimmer and spotlight. All require 240V, 50Hz supply. Illuminators can also be supplied with a wet film attachment, with lower film retainers and with adjustable nylon lines to support film mounted in the lower retainers. Illuminators are supplied with fluorescent tubes fitted.

Protective Clothing & Lead Screens

Standard Lead Aprons

X-ray protective aprons are available in a variety of styles, colours and sizes.

Lead Rubber Gloves & Thyroid Collars

Seamless gloves with liners, grey colour, and 0.35mm or 0.50mm lead equivalence. Various styles of lead rubber cuffs and thyroid collars are available.

Lead Ply and Lead Ply Protective Screens

A range of standard and custom made lead screens can be supplied, with windows or half glazed, in a variety of finishes, mobile or static. We can also supply lead ply sheeting or lead board sheeting for room shielding as well as lead ply doors.