Oug Film Processor Quality Assurance

A Complete X-ray Film Processing Quality Assurance Kit



High Quality, High Accuracy Sensitometer, Densitometer & Thermometer



The Osselfe-X Kit is a complete set of high quality instruments for carrying out an x-ray film processor quality assurance programme. The kit includes a densitometer, a sensitometer and a digital thermometer. If required, these instruments may be purchased individually, however, the complete kit offers tremendous value for money. In addition to its use in quality assurance, the Quality-X Kit is also very useful when carrying out comparisons of film speeds or intensifying screen speeds and is a useful tool for x-ray equipment and film processor engineers.

The kit is supplied in a light sturdy plastic carrying case, all instruments ready to use complete with batteries.

The DIGIT-X DENSITOMETER

The Digit-X is a unique hand-held transmission densitometer combining ease of use with high accuracy and repeatability. The fine fibre-optic probe allows small areas of film to be measured accurately with readings being displayed on the large clear LCD panel to 2 decimal places. Battery power means that the Digit-X is not limited in its areas of operation and it's so light - just 175g - that carrying it from place to place is extremely practical.



Battery Life:

Battery Life*:

Size:

Weight

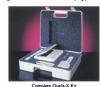
version is available with an illuminated display.

The SENSITAY SENSITOMETER

The Sensit-X sensitometer is an easy to use 21 step sensitometer for use with most types of x-ray film, Battery operated with automatic On/Off switching, the Sensit-X will produce a consistent 21 step grey scale image ('stepwedge film') with high reproducibility. An electronic feedback circuit compensates for changes in battery output and will prevent exposure if the output drops too low, so preventing any inconsistent results being produced. A switch is provided to select between an exposure for blue sensitive film or for green sensitive film. In the darkroom, a blue' or green' exposure can be distinguished by a different type of audible bleep.

The DIGITAL THERMOMETER

A stick-type digital thermometer completes the Quality-X Kit. The thermometer has a corrosion proof stainless steel probe that is protected when not in use by a plastic sheath. The large digital display gives readings to one decimal place and a button allows either an instant readout or an averaged readout over a 10 second sampling period.



Digital Thermometer

Kit Specifications

Digit-X Densitometer		Sensit-X Sensitomete	
Density Range: Fibre Optic	0.00 - 4.00OD	Light Source:	Electro-li max. 455
Aperture:	3mm		
Resolution:	0.01OD	Exposure Field:	21 Steps
Accuracy:	0.05OD	Power Supply:	9v PP3 B
Repeatability:	0.02OD	Battery Life:	Alkaline
Drift:	0.0005/min.	Size:	190x140
	0.0031	144.1.4	000-

Alkaline 2500Hrs

Alkaline 250Hrs

210x60x40mm

175g

Temp. Range: Accuracy Power Supply of 5x10mm Battery Life: Battery Size 1500Hrs Probe Length:

)x80mm Weight: 40g Qualit-X Kit

3.5Ke 300x320x110mm

01°C

140mm

-10°C to + 110°C 1.55v Button Cell Approx. I Year 223x25x16mm

CE

* Backlir Version