

Digit-X | densitometer

The Digit-X is a portable, compact, high quality device for carrying out your X-ray film processor quality assurance programme.

It 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 display 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 usage is minimal and a low battery warning indicator is provided on the digital display.

Our Digit-X Densitometer comes complete with battery, calibration certificate and user manual, and is supplied in a handy sturdy portable carry case, making the Digit-X Densitometer ready to use straight away.



You can choose from a Fluorescent or LED Model, depending on the type of light box you use. Please see the technical specifications for the Digit-X Densitometer, below:

	Fluorescent	LED
Film Types	Photographic & X-ray Film	
Light Box Luminance Range		20,000Cd/m ² to 200,00Cd/m ²
Density Range	0.00 – 4.00 OD	
Aperture	3mm	
Resolution	0.01	
Accuracy	±0.05	
Repeatability	±0.02	
Display	3 Digit 12.5mm LCD	
Zero Drift	Less than ±0.005 per minute	
Sensor	Silicon photodiode with polymer optical-fibre	
Response Time	0.2s	0.8s
Power Supply	PP3 battery or equivalent Alkaline MN1604 recommended	
Battery Life	Alkaline 2500Hrs	

