



ADVANSPEC UK

# AdvanScan FD-1

## Portable Film Densitometer

### General Information:

AdvanScan FD-1 Portable Film Densitometer is a compact hand-held device for carrying out X-ray film quality assurance. This unique device combines in itself the ease of use with high accuracy and repeatability. A fine Sensor probe allows small film areas to be inspected accurately with readings displayed on the large clear LED screen. Built-in Battery power supply and a separate 1 m sensor enables the device to be used in remote areas with limited access. AdvanScan FD-1 is extremely light: only 250g - so carrying it from place to place is exceptionally practical. In addition, energy consumption is extremely low, yet should you be running out of charge, low battery warning will be given by an audio alarm.



### Technical Specifications:



Parameter	Value
Size	110mm x 68mm x 25mm
Mass	250g with battery
Density Range	0 – 4.00D
Sensor	Photo IC with 1m long Cable
Sensor Aperture	2mm and 3mm
Resolution	0.01D
Accuracy	+/- 0.03D
Repeatability	+/- 0.02D
Power Supply	3x 1.2V AAA battery
Alternative Power Supply	Rechargeable battery
Battery life	250 hours

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