

XR150 X-ray source



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- Weighs less than 5 lbs (2 kgs)
- Penetrates up to ½ inch of steel
- Battery charges in one hour

The **XR150** x-ray source is the most widely used portable x-ray source for the examination of suspicious objects.

XR150 is used by Explosive Ordnance Disposal teams, security personnel, and government agencies around the world for military, law enforcement, corporate security and industrial applications

Versatile

The XR150 X-ray source is a complete, single package, pulsed device for use with digital x-ray imaging systems such as SCANTRAK or in exposing conventional or instant type X-ray film. Weighing only 2 kgs (4.6lbs) , the XR150 makes an ideal X-ray source for various portable applications. The entire system fits into one carrying case and weighs less than 14 kgs (30 lbs)

Easy to Operate

This compact X-ray unit is very simple to use. Operation requires attaching the battery, setting the desired number or pulses, and firing the X-ray using either the remote cable or the time delay button. XR150 can also be operated remotely through the SCANTRAK image system.

High Output

Despite its small size the XR150 has 150 KVP output which will penetrate ½ inch steel. The only power supply is a custom battery pack that fully recharges in one hour..

Size:	4.12" (104mm) high x 3.12" (80mm) wide x 10.75" (273mm) long
Weight:	4lbs 6 oz (2.0kg) with battery
Power Supply:	7.2V removable, rechargeable nickel cadmium battery, 2500 pulses per charge
Battery Recharge Time:	1 hour recharge with supplied external battery charger
Radiation Leakage:	0.15 mR for 100 counts measured 1 foot to the side of the unit
Output Dose:	1 mR @ 1/pulse w/filtration equivalent of 2.5mm of aluminum
Pulse Rate:	10 pulses per second nominal
Pulse Length:	60 nanoseconds
Maximum Pulses:	3,600 per hour
Maximum photon energy:	150 kV
Exposure Control:	LCD can be set for 3-297 pulses
Source Size:	2.2 mm nominal
Time Delay:	Push button triggering of 15 or 60 seconds delay-allowing time to leave area before unit fires
Warranty:	1 year limited warranty