

New XR150 X-Ray Source

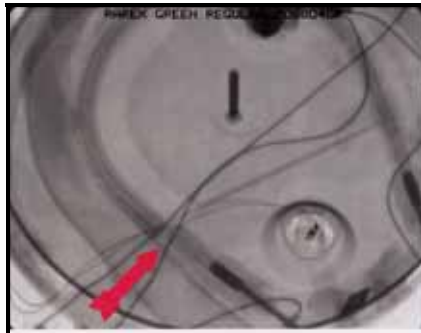


New Features

- Dial Key.
- Back lit LCD.
- Durable handle.
- Five pin cable connector.
- Weather resistant touch pad.
- Variable pulse selection memory.
- Custom Battery charger/conditioner/tester.



Coffeemaker



Radiograph of coffeemaker



Battery charger/conditioner/tester

- Battery powered
- Lightweight – five pounds
- Penetrates up to ½” steel
- Compatible with film-based and Digital Imaging Systems



Golden Engineering, Inc.
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XR150 X-ray Source



XR150



XR150 with film developing equipment in carrying case

The XR150 is a battery powered pulsed X-ray machine used for security and light industrial applications. The XR150 weighs less than five pounds, but is capable of penetrating 1/2" of steel making it an ideal tool for use in remote locations.

When combined with the 150P manual film processor and Polaroid® radiographic cassette, the entire system fits into one carrying case and weighs less than 35 pounds.

SPECIFICATIONS

Length.....	10.5 in. (26.5 cm)
Width.....	3 in. (8 cm)
Height.....	4 in. (10 cm)
Weight.....	4 lbs. 5 oz. (2 Kg)
Number of counts per exposure.....	1 to 99.
Pulses per visible count.....	3.
Number of counts per battery charge.....	2500.
Number of counts per second.....	10 (nominal).
Expected tube life	50,000 counts.
X-ray source size.....	1/8 in. (3 mm)
Maximum photon energy.....	150 KVP.
X-ray pulse width.....	50 nanoseconds. (.00000005 seconds)
Battery Voltage.....	7.2 volts.
Battery Type.....	Nickel Cadmium sub C cells. (6)
Battery capacity.....	2400 mAh.
Battery recharge time.....	5 hours.
Battery Charger.....	BC 150 charger/conditioner.
Optional chargers.....	Makita 7.2 /9.6 volt 1 hour charger.
Electric input current.....	14 amps (when connected to charged battery)
Temperature range.....	-10° to 120° F (-23° to 50° C)
Maximum duty cycle.....	200 counts every 8 minutes. (3000 per hour)



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