

# Raymax



## X-RAY GENERATOR

- Reliable**
- Accurate**
- Affordable**

**Let Raymax imaging equipment  
show you what lies beyond...**

Raymax equipment meets all North  
American Regulatory Standards.

# Raymax



### KVP

1 KV steps, 40 to 125 KVP.



### Milliamp

Five position switch;  
60S, 120S, 240L, 300L, @60 Hz. (Model; 2136)  
50S, 100S, 150L, 200L, 300L @50 Hz. (Model; 2130, 2136)

### Timer

Digital 23 position solid state, 1/120 (1 pulse) to 2 seconds with 60 Hz. Line.  
Digital 23 position solid state, 1/100 (1 pulse) to 5 seconds with 50 Hz. Line.

### Features

- ✓ Designed for the operation of the double focus X-ray tube.
- ✓ Automatic line voltage compensation.
- ✓ Tube protection circuit.
- ✓ Available in radiographic/fluoroscopic versions.
- ✓ Compact high voltage transformer fits under any Raymax radiographic table.
- ✓ SCR contacting: Zero voltage switched with core memory to prevent high tension saturation.
- ✓ Internal power supplies for external devices (i.e. collimators, locks, etc.)
- ✓ Mid secondary type mA circuit protections.
- ✓ Digital mAS & KV Display
- ✓ Constant voltage filament stabilizer.
- ✓ 50 Hz - 60 Hz

### Contactors

SCRs with zero start & stop using electromagnetic contactor as back up.

### Tube Safety

Built in calibrateable circuit to protect against Tube overload (KV, mA & Time)

### Circuit Breaker

Mid-secondary breaker standard.

### X-Ray Tube Filament

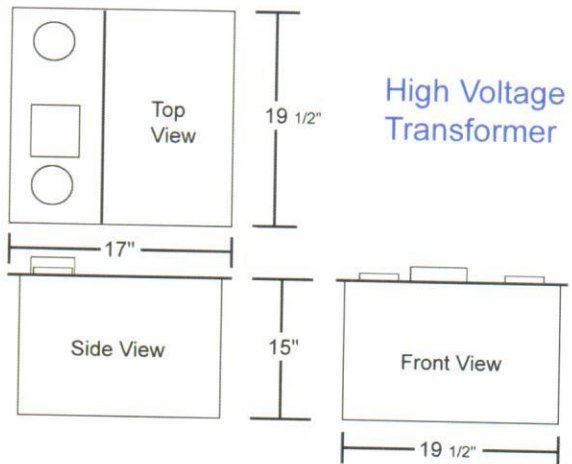
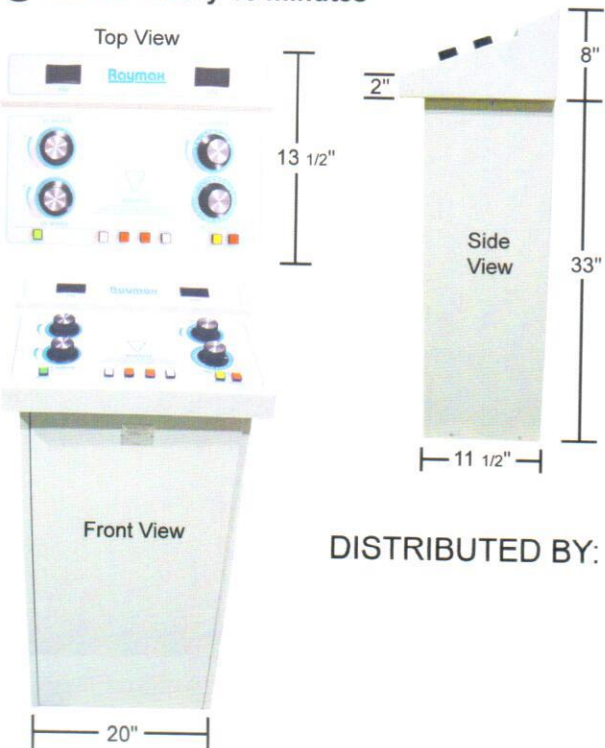
Constant voltage stabilizer working into a temperature compensated calibrating network.

### H.T. Tank

Single tube, full wave, silicon rectifiers (Model; 2125)

### Power Requirement

200 to 250 Volt single phase line rated at 100 amps with a regulation of at least 2%. Maximum line current is 140 amps @ 230 Volts. Maximum line resistance to enable compliance at full load is 0.15 Ohms. Duty cycle is 1% or 300 mA @ 125 KVP every 10 minutes



DISTRIBUTED BY:

**Raymax** MEDICAL CORP.

Brampton, Ontario, Canada L6T 4P7

Toll Free: (866) RAYMAX1

Tel.: (905) 791-3020

Fax: (905) 791-3375

Email: sales@raymaxmedical.com

www.raymaxmedical.com