



## XXGZ -Ceramic Tube Panoramic

پتروفرهان گستر جنوب

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**Ceramic tube panoramic x ray flaw detector is made of panoramic ceramic x ray tube and HV coil.**

### **Features of X Ray Generator:**

1. Adopt high temperature installation technology and high pure degree aluminum radiator to improve 30% heat radiation.
2. Portable design, light weight and easy operation.
3. SF6 gas insulator, grounded-anode design to keep the operator safety.
4. Strictly follow 1:1 work and rest radio, eliminating the dis-operation.
5. Good HV coil made by imported enamel wire in the generator to improve power.

### **Features of the Controller:**

1. Continual work and avoid the interference by voltage changing.

2. High power electronic capacitance and module greatly improved the quality.
3. Low voltage and high voltage isolation technology to ensure the stable working.
4. The controller has time-delayed function to reserve enough time for operators moving to safety distance.
5. Fault shooting automatically, pressure indication to make easy operating for the operator.

| Beam Angle          | Model  | Tube Voltage (KV) | Capacity (KW) | Focus Size (mm) | Max. Penetrate | X-ray Generator Weight (kg) |
|---------------------|--|-------------------|---------------|-----------------|----------------|-----------------------------|
| 360°*30°            | XXGZ-2005  | 50-200            | >2.5          | 1.0*2.0         | 26             | 24                          |
|                     | XXGZ-2505  | 80-250            | >2.5          | 1.0*2.5         | 36             | 33                          |
|                     | XXGZ-3005  | 130-300           | >3.0          | 1.0*3.5         | 40             | 38                          |
| Tube Current        | 5mA  |                   |               |                 |                |                             |
| Power Supply        | AC220V ±10% 50HZ   |                   |               |                 |                |                             |
| Insulating Material | SF6 gas  |                   |               |                 |                |                             |
| Working Temperature | -25°C~ 40°C  |                   |               |                 |                |                             |
| Relative Humidity   | ≤85%   |                   |               |                 |                |                             |
| Working Conditions  | 1. Focus : 600mm<br>2. Exposure time: 5 min.<br>3. Film: KODAK , intensified by double lead foil.<br>4. Treatment in the darkroom: Temp. 20 ±2°C, 5 min. |                   |               |                 |                |                             |
| Safe Pressure       | 0.35 ~ 0.50 Mpa<br>(Operation will be prohibited in the case less than 0.35 Mpa)   |                   |               |                 |                |                             |

### List

| No. | Item                                   | Qty |
|-----|--|-----|
| 1   | Ceramic Tube Panoramic X Ray Generator | 1   |
| 2   | ZY-4000 Control Unit                   | 1   |
| 3   | Connecting cable                       | 1   |
| 4   | Power cable (2cores) 10m               | 1   |
| 5   | Earthing wire 5m                       | 1   |
| 6   | Fuse                                   | 5   |
| 7   | Accessories Bag                        | 1   |
| 8   | Operation Manual                       | 1   |

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