

X-RAY TUBE TRAINER

Model Number : GOTT-TXMT-01



DESCRIPTION

GOTT-TXMT-01 is designed to demonstrate the operation, theory, repair and servicing of X-Ray Tube equipment that used at clinics & hospitals.

An X-ray tube is a vacuum tube that converts electrical input power into X-rays. The availability of this controllable source of X-rays created the field of radiography, the imaging of partly opaque objects with penetrating radiation.

A fault simulator is provided with circuit block diagram of the device for the students to study theoretically and experimentally in order to understand the operation of the device.

The fault is activated by button that disables or create malfunction of certain circuit or components so that the device become faulty.

Based on the symptoms and the signal at the test points, the students then do the troubleshooting exercise to find the faulty circuit or components. After locating the failure, the fault can be reset, and then the device work normally.

FEATURES

- Real X-Ray Tube unit
- High quality industrially accepted component
- Bold color identification of circuits
- Designed to simulate common faults
- Detailed instruction & experiment manual

SPECIFICATIONS

- Real X-Ray Tube unit
- High-Energy-Ray Medical Equipments
- Size of screen:203mm x254mm
- Tube turning angle:Vertical 360°, horizontal 320°
- Circuit Block Diagram of X-Ray Tube System
- Electrical Test Points
- Fault Simulation

EXPERIMENT TOPICS

- Understanding X-Ray Tube Unit
- Block Diagram X-Ray Tube Explanation
- Operating The X-Ray Tube Unit
- Troubleshooting of Voltmeter
- Troubleshooting of Power Indicator Lamp
- Troubleshooting of Control Panel
- Troubleshooting of Line Fuse
- Troubleshooting of Power Supply

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
X-RAY TUBE TRAINER	GOTT-TXMT-01	200-425

* Proposed design only, subject to changes without any notice