

PANAROMIC DENTAL X-RAY TRAINER

Model Number : GOTT-PDXT-01



DESCRIPTION

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

Panaromic x-ray is a two dimensional (2-D) dental x-ray examination that captures the entire mouth in a single image, including the teeth, upper and lower jaws, surrounding structures and tissues, it usually provides details of the bones and teeth.

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

SPECIFICATIONS

- Film Panoramic Parameters
- Power Supply 220V, 50/60Hz, 10A
- Mains Resistance <1.5ohm at 220 V
- High frequency dc at 20 kHz
- Circuit Block Diagram of Panaromic Dental X-Ray
- Electrical Test Points
- Fault Simulation

EXPERIMENT TOPICS

- Understanding Panaromic Dental X-Ray Unit
- Block Diagram Panaromic Dental X-Ray Explanation
- Operating The Panaromic Dental X-Ray Unit
- Troubleshooting of X-Ray Tube Generator
- Troubleshooting of the Control Panel
- Troubleshooting of AC Servo Motor Driver
- Troubleshooting of Controllerr
- Troubleshooting of Laser Guide

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
PANAROMIC DENTAL X-RAY TRAINER	GOTT-PDXT-01	200-417

* Proposed design only, subject to changes without any notice